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THE PLANT DISEASE REPORTER

Issued By

THE PLANT DISEASE SURVEY

Division of Mycology and Disease Survey

BUREAU OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING

AGRICULTURAL RESEARCH ADMINISTRATION

UNITED STATES DEPARTMENT OF AGRICULTURE

SUPPLEMENT 212

HOST INDEX OF PLANT PATHOGENS OF VENEZUELA

Supplement 212 June 15, 1952

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The Plant Disease Reporter is issued as a service to plant pathologists throughout the United States. It contains reports, summaries, observations, and comments submitted voluntarily by qualified observers. These reports often are in the form of suggestions, queries, and opinions, frequently purely tentative, offered for consideration or discussion rather than as matters of established fact. In accepting and publishing this material the Division of Mycology and Disease Survey serves merely as an informational clearing house. It does not assume responsibility for the subject matter.

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THE PLANT DISEASE SURVEY
DIVISION OF MYCOLOGY AND DISEASE SURVEY

Plant Industry Station Beltsville, Maryland

HOST INDEX OF PLANT PATHOGENS OF VENEZUELA

J. H. Standen

Plant Disease Reporter
Supplement 212 June 15, 1952

INTRODUCTION

In the past many great mycologists contributed to the knowledge of the fungi of Venezuela, among them H. Sydow, M. C. Cooke, Patouillard, Gaillard, and Heim. All publications prior to 1934, except two papers by H. Sydow, were brought together, with many additions, by Chardon and Toro in that year, and are therefore not included in the bibliography for this index. H. Sydow, in his "Fungi Venezuelani" (1930) also has a good bibliography of earlier papers.

Following the work of Chardon and Toro, each of these authors independently published an additional list of fungi, Kern and Thurston a series of papers on Venezuelan rusts, and Linder a list of Fungi Imperfecti. Muller listed the pathogens damaging economic crops, and Chupp and Muller catalogued the Cercosporas of Venezuela.

Meanwhile a large number of specimens of both parasitic and saprophytic organisms had accumulated in the Mycological Herbarum of the "Ministerio de Agricultura y Cria" in Caracas. In 1949, Clifford Meredith, at that time Chief of the "División de Fitopatologia", had this collection transferred to the División offices in Maracay, where it was catalogued for the first time. I was with the División at the time and Mr. Meredith requested me to prepare a host index based on all material available to that date.

It is scarcely necessary to say that this host index is far from complete. Any casual trip into the field always resulted in several new collections.

The index includes fungi, bacteria, viruses, nematodes, a destructive leaf lichen (Strigula elegans), and mistletoes. The sooty mold group of fungi, although doubtless of some economic importance, is omitted.

During the earlier part of this work I was ably assisted by three of my students at the Universidad Central, namely, Angel Viso Rodrigues, Miquel Laprea Finamore, and M. Delgado Urdaneta. Preliminary typing was done by personnel of the American International Association, and final typing was done by Mary Standen and Loretta Skufca. To these and many other who have so freely given their help I wish to express my sincere gratitude.

HOST INDEX

ABELMOSCHUS sp. (HIBISCUS sp.)
Cercospora hibiscina Ell. & Ev. (2, 14)
ABUTILON spp.
Cercospora sp. (6)
C. sphaeralceicola Speg. (6)
Irenopsis molleriana (Wint.) F. L. Stevens (6)
Puccinia heterospora Berk. & Curt. (6)
A. INTEGERRIMUM Hook.
Puccinia heterospora Berk. & Curt. (2)
A. UMBELLATUM (L.) Sweet
Puccinia heterospora Berk. & Curt. (2)
ACACIA spp.
Ravenelia concinna Syd. (2)
A. MACRACANTHA Humb. & Bonpl. (according to Pittier, this is not a Venezuelan species; possibly POPONAX or PROSOPIS)
Phyllachora acaciae P. Henn. (2)
ACALYPHA spp.
Meliola acalyphidis Toro (2, 6)
Phakopsora antiguensis (Cumm.) Kern & Thurston (11)
A. CHAMAEDRIFOLIA Muell. Arg.
Asterina acalyphae Syd. (2)
A. CUSPIDATA Jacq.
Amazonia acalyphae (Rehm) Th. (2)
A. MACROSTACHYA Jacq.
Phyllachora tragiae (Berk. & Curt.) Sacc. (2)
ACANTHACEAE
Whetzelia venezuelensis Chardon & Toro (2)
ACANTHOSPERMUM AUSTRALE (Loefl.) Kuntze (A. BRASILIUM Schrank)
Puccinia acanthospermi P. Henn. (6)
ACHRAS ZAPOTA L.
Scopella sapotae (Arth. & J. R. Johnston) Mains (Uredo sapotae Arth. & J. R. Johnston) (6, 9, 13)
ACHYRANTHES: see ALTERNANTHERA
ACNISTUS ARBORESCENS (L.) SCHLECHT.
Microthyrium acnisti (Syd.) Toro (20)
ACNISTUS UMBELLATUS (R. & P.) Miers.
Puccinia acnisti Arth. (2)
ADENARIA FLORIBUNDA H. B. K.
Myiocoprum guiscafrei Toro (2)
ADIANTUM TETRAPHYLLUM Willd.
Cercospora adianti Syd. (14)
AESCHYNOMENE AMERICANA L.
Phakopsora aeschynomenis Arth. (10)
AGAVE SISALANA Perrine
Colletotrichum agaves Cav. (6)
Diplodia natalensis P.-Evans (7)
Septonema agave Stevenson (7)
AGERATUM CONYZOIDES L.
Albugo tragopogonis (DC) S. F. Gray (2, 6)
Alternaria sp. (Macrosporium sp.) (6)
Puccinia conoclinii Seym. (8)
ALCHORNEA TRIPLINERVIA (Spreng.) Muell. Arg.
Uredo alchorneae P. Henn. (11)
ALEURITES MONTANA (Lour.) Wilson
Cercospora sp. (6)
ALLIUM CEPA L.
Alternaria porri (Ell.) Cif. (Macrosporium porri Ell.) (2, 6, 13)
Botrytis sp. (6, 13)
Peronospora destructor (Berk.) Casp. (P. schleideni Unger) (2)

ALLIUM PORRUM L.
Alternaria porri (Ell.) Cif. (Macrosporium porri Ell.) (13)
Colletotrichum circinans Vogl. (6)
A. SATIVUM L.
Alternaria porri (Ell.) Cif. (Macrosporium porri Ell.) (13)
ALSTOEMERIA sp.
Oidium sp. (6)
ALTERNANTHERA spp.
Albugo bliti (Biv.) Kuntze (2, 6)
Cercospora sp. (6)
A. FICOIDEA (L.) R. Br.
Albugo bliti (Biv.) Kuntze (2)
A. LANCEOLATA (Benth.) Standl.
Uredo maculans Pat. & Gaill. (10)
ALTHAEA ROSEA (L.) Cav.
Ascochyta sp. (6)
A. althaeina (Sacc.) Bizz. (13)
Cercospora althaeina Sacc. (6, 13, 14)
Puccinia malvacearum Bert. (6)
AMARANTHACEAE
Uredo maculans Pat. & Gaill. (2)
AMARANTHUS sp.
Cercospora sp. (6)
C. brachiata Ell. & Ev. (6, 14)
A. DUBIUS Mart.
Albugo bliti (Biv.) Kuntze (2)
Phyllosticta sp. (6)
A. SPINOSUS L.
Albugo bliti (Biv.) Kuntze (2)
AMBROSIA spp.
Cercospora arctii-ambrosiae Halst. (6, 14)
Oidium sp. (6)
A. PERUVIANA Willd.
Cercospora ambrosiae Chupp (2, 14)
Phyllachora ambrosiae (Berk.& Curt.) Sacc. (2)
AMPHILOPHIUM PANICULATUM (L.) H.B.K.
Prospodium amphilophii (Diet. & Holw.) Arth. (2)
P. depallens (Arth. & Holw.) Cumm. (11)
A. PANICULATUM var. MOLLE (S. & C.) Standl.
Prospodium cumminsii Kern & Thurston (11)
ANISOSORUS HIRSUTUS (L.) Underw. & Maxon
Cercospora pteridii Siem. (6)
AMYGDALUS PERSICA L. (PRUNUS PERSICA (L.) Stokes)
Cladosporium sp. (6)
Monilinia fructicola (Wint.) Honey (Sclerotinia fructicola (Wint.) Rehm) (6)
Taphrina deformans (Berk.) Tul. (6, 13)
Tranzschelia punctata (Pers.) Arth. (2, 6, 13)
A. PERSICA var. NECTARINA Ait.
Tranzschelia punctata (Pers.) Arth. (6)
ANACARDIACEAE
Phyllachora anacardiarum Chardon (2)
P. meridensis Chardon (2)
ANACARDIUM OCCIDENTALE L.
Phyllosticta sp. (6)
A. EXCELSUM (H.B.K.) Skeels
Cercospora rhinocarpi Chupp & Muller (6, 14)
ANANAS COMOSUS (L.) Merr.
Thielaviopsis paradoxa (de Seyn.) Hoehn. (13)
ANDIRA JAMAICENSIS (W. Wright) Urb.
Polystigma pusillum Syd. (20)

ANDROPOGON spp.
Phyllachora brevifolia Chardon (6)
P. luteomaculata (Schw.) Orton (6)
Puccinia kaernbachii (P. Henn.) Arth. (9)
Sphacelotheca guaranitica (Speg.) Zundel (2)
A. ALTUS Hitch.
Puccinia meridensis Kern (8)
A. BICORNIS L.
Uredo rubida Arth. & Holw. (2)
A. CONDENSATUS H.B.K.
Phyllachora andropogonis (Schw.) Karst. & Har. (1, 6)
Sphacelotheca guaranitica (Speg.) Zundel (2)
A. SACCHAROIDES Sw.
Puccinia meridensis Kern (8)
A. SEMIBERBIS (Nees) Kunth
Dothichloë atramentosa (Burk. & Curt.) Atk. (6)
Puccinia sp. (6)
Ustilago sp. (6)
ANEIMIA PHYLLITIDIS (L.) Sw.
Desmella aneimiae (P. Henn.) Syd. (2)
ANNONA spp.
Meliola jahnii Toro (2)
Phakopsora cherimolia (Lagh.) Cumm. (2)
A. CHERIMOLA Mill.
Phakopsora cherimolia (Lagh.) Cumm. (Physopella cherimolia Arth., Uredo cherimolia Lagh.) (2, 6, 10, 13, 18)
A. MURICATA L.
Asterinella winteriana (Pascher) Th. (15)
Colletrotrichum gloeosporioides Penz. (6)
Meliola sp. (6)
A. PURPUREA Moc. & Sess.
Cercospora caracasensis Chupp & Muller (6, 14)
A. SQUAMOSA L.
Cercospora anonaceae P. Henn. (6, 14)
ANODA ACERIFOLIA (Zucc.) DC.
Puccinia heterospora Berk. & Curt. (2)
A. HASTATA Cav.
Marmor sp. (virus) (7)
Puccinia heterospora Berk. & Curt. (2)
ANTHEPHORA HERMAPHRODITA (L.) Kuntze
Phyllachora sp. (6)
P. anthephorae Syd. (2, 6)
ANTHURIUM spp.
Micropeltis clava Toro (2)
Phyllachora engleri Speg. (6)
A. SCOLOPENDRINUM (Ham.) Kunth.
Phyllachora engleri Speg. (2)
ANTIGONUM LEPTOPUS Hook. & Arn.
Cercospora sp. (6)
ANTIRRHINUM sp.
Phyllosticta sp. (6)
APIUM GRAVEOLENS L.
Cercospora apii Fres. (6, 13, 14)
Septoria apii (Briosi & Cav.) Chester (6, 13)
ARACHIS HYPOGAEA L.
Ascochyta pisi Lib. (6)
Cercospora personata (Berk. & Curt.) Ell. (2, 6, 14)
Puccinia arachidis Speg. (6, 8, 13)
Sclerotium rolfsii Sacc. (3: year 1; no. 10, Oct. 1947)
Septogloeum sp. (5, April-May 1949)
ARGEMONE MEXICANA L.
Cladosporium guanicensis F. L. Stevens (2, 6)

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ARGEMONE PLATYCERAS Link & Otto
Ovularia sp. (6)
ARISTIDA spp.
Dothichloë aristidae Atk. (6)
Dothidea aristidae (S.) Ell. (6)
A. ADSCENSIONIS L.
Dothichloë sp. (6)
D. aristidae Atk. (6)
Phyllachora sp. (6)
ARRABIDAEAE
Irenopsis bignoniacearum F. L. Stevens (2)
ARRACACIA XANTHORRHIZA Bancroft
Cercospora donnel-smithii Speg. (6)
Septoria apii Fres. (6, 13)
ARTHROSTEMA CAMPANULARE (Naud.) Tr.
Cercospora gracilenta Syd. (14)
ARTHROSTYLIDIUM LONGIFLORUM (L.) Link
Phyllachora arthrostylidi Petr. & Cif. (1, 6)
Sphaerodothis portoricensis Chardon (2)
ARTOCARPUS COMMUNIS Forst.
Capnodium sp. (7)
Uredo artocarpi Berk. & Br. (Physopella artocarpi Arth.) (2, 18)
A. INTEGRA (Thunb.) Merr.
Uredo sp. (6)
U. artocarpi Berk. & Br. (6)
ARUNDO DONAX L.
Meliola marantae F. L. Stevens (6)
ASCHERSONIA sp.
Sirosperma hypocrellae Syd. (2)
ASCLEPIAS spp.
Cercospora sp. (16)
Puccinia sp. (6)
A. CURASSAVICA L.
Cercospora clavata (Gerard) Cke. (6, 14)
Uromyces asclepiadis (Schw.) Cke. (9)
ASPARAGUS OFFICINALIS L.
Cercospora asparagi Sacc. (6, 14) (C. asparagicola Speg., C. caulicola Wint.)
ASTERINA MEGALOSPORA Berk. & Curt. (fungus)
Phaeodimeriella tachirensis Toro (2)
ASTRONIUM GRAVEOLENS Jacq.
Meliola weigeltii Kunze (2)
Uredo rhombica Speg. (11)
AVENA SATIVA L.
Puccinia coronata Cda. (P. rhamni (Pers.) Wett.) (6, 13)
P. graminis Pers. var. avenae Pers. (6, 13)
Ustilago avenae (Pers.) Rostr. (6, 13)
AXONOPUS AUREUS Beauv.
Phyllachora sp. (6)
BACCHARIS CASSINEFOLIA D. C.
Puccinia ancizari Mayor (11)
B. FLORIBUNDA H.B.K.
Puccinia caeomatiformis Lagh. (2)
B. RHEXOIDES H.B.K.
Puccinia exornata Arth. (Eriosporangium exornatum Arth.) (2, 6, 18)
BACCHARIS aff. TRINERVIS (Lam.) Pers.
Puccinia caeomatiformis Lagh. (2)
BAMBOS: see BAMBUSA
BAMBUSA VULGARIS Schrad.
Uredo ignava Arth. (2, 6)
BANARA GUIANENSIS Aubl.
Meliola banarae F. L. Stevens (2)

BANISTERIA CORNIFOLIA (Kunth) Spreng.
Puccinia rubricans Holw. (10)
BAUHINIA spp.
Aschersonia placenta Berk. & Br. (6) (on scale insects?)
Phyllachora sp. (6)
P. panamensis Chardon (6)
Uromyces sp. (6)
U. bauhinicola Arth.? (2)
U. guatamalensis Vest. (2)
U. imperfectus Arth. (2)
B. ACULEATA L.
Uromyces imperfectus Arth. (6)
B. CUMANENSIS H.B.K.
Meliola perexigua Gaill. (2)
Phyllachora panamensis Chardon (2)
B. HETEROPHYLLA Kunth
Xylaria ianthino-velutina Mont. (2)
B. MIRANDINA Pittier
Ravenelia sp. (6)
Uromyces imperfectus Arth. (2)
B. PAULETIA Pers.
Uromyces imperfectus Arth. (U. superfixus Vest.) (2, 18)
U. jamaicensis Vest. (2)
BEGONIA sp.
Oidium sp. (6)
BERBERIS sp.
? Aecidium aridum Diet. & Neger (2)
BETA VULGARIS L.
Cercospora beticola Sacc. (2, 6, 13, 14)
Sclerotium rolfsii Sacc. (13)
B. VULGARIS var. CICLA L.
Cercospora beticola Sacc. (13)
BIDENS spp.
Septoria sp. (6)
Uromyces sp. (6)
U. bidentis Lagh. (2)
B. PILOSA L.
Cercospora bidentis Tharp. (6, 14)
Entyloma sp. (6)
E. incertum Cif. (2)
Oidium sp. (6)
Uromyces bidenticola (P. Henn.) Arth. (2)
U. bidentis Lagh. (2)
BIGNONIACEAE
Prospodium anomalum Jack. & Holw. (2)
BIXA ORELLANA L.
Cercospora bixae Allesch. & Noack (2, 6, 14)
Oidium sp. (6)
BLECHNUM FRAXINEUM Willd.
Milesia australis Arth. (9)
BLECHNUM OCCIDENTALE L.
Desmella superficialis (Speg.) Syd. (2)
Milesia australis Arth. (9)
BLECHUM sp.
Cercospora blechi Chupp & Muller (14)
BLECHUM BROWNEI Juss.
Cercospora blechi Chupp & Muller (14)
Puccinia sp. (6)
P. ruelliae (Berk. & Br.) Lagh. (9)
Uredo sp. (6)
BOCCONIA FRUTESCENS L.
Cercospora bocconiae Chupp (2, 14)

BOEHMERIA NIVEA (L.) Gaud.
Cercospora boehmeriae Chupp (6)
C. krugiana Chupp & Muller (14)
B. RAMIFLORA Jacq.
Asterina raripoda Toro (2)
BOERHAAVIA CARIBAEA Jacq.
Albugo platensis (Speg.) Swing. (6)
B. COCCINEA Mill.
Albugo platensis (Speg.) Swing. (18)
B. ERECTA L.
Albugo platensis (Speg.) Swing. (2, 6)
BOMAREA MULTIFLORA (L.) Mirb.
Aecidium bomareae Mayor (6)
Puccinia bomareae (Lagh.) P. Henn. (9)
BORAGO OFFICINALIS L.
Cercospora agnostoica Speg. (6, 14)
BORRERIA sp.
Meliola psychotriae Earle (2)
B. CAPITATA (R. & P.) DC.
Meliola psychotriae Earle (2)
B. LAEVIS (Lam.) Griseb.
Puccinia lateritia Berk. & Curt. (2, 6)
B. SUAVEOLENS G.F.W. Mey.
Meliola psychotriae Earle (2)
B. TENELLA Cham. & Schlecht.
Uromyces crucheti Mayor (2)
B. VERTICILLATA (L.) G.F.W. Mey.
Uredo borreriae (P. Henn.) Kern & Whet. (6, 9)
BOUCHEA PRISMATICA (Jacq.) Ktze.
Oidium sp. (6)
BRADBURYA sp.: see CENTROSEMA sp; B. VIRGINIANA: see CENTROSEMA VIRGINIANUM
BRASSICA spp.
Alternaria sp(p). (as A. brassicae (Berk.) Sacc.) (2)
Choanephora sp. (3: year 1, no. 10, Oct. 1947)
B. CAMPESTRIS L.
Albugo candida (Pers.) Kuntze (6)
Alternaria brassicae (Berk.) Sacc. (Macrosporium herculeum Ell. & G. Martin) (6)
B. NAPUS L.
Albugo candida (Pers.) Kuntze (6)
Alternaria brassicae (Berk.) Sacc. (Macrosporium herculeum Ell. & G. Martin) (6)
Cercospora armoraciae Sacc. (6)
B. NIGRA (L.) Koch
Albugo candida (Pers.) Kuntze (2)
B. OLERACEA L.
Alternaria sp(p). (as A. brassicae (Berk.) Sacc.) (2, 6)
A. brassicae (Berk.) Sacc. (Macrosporium herculeum Ell. & G. Martin) (6)
A. solani (Ell. & G. Martin) Sor. (6)
Peronospora parasitica Fr. (6)
Xanthomonas campestris (Pam.) Dowson (5: June 1948; 7)
B. OLERACEA var. BOTRYTIS L.
Alternaria brassicae (Berk.) Sacc. (Macrosporium herculeum Ell. & G. Martin) (13)
B. OLERACEA var. CAPITATA L.
Alternaria sp(p). (as A. brassicae (Berk.) Sacc.) (13)
A. brassicae (Berk.) Sacc. (Macrosporium herculeum Ell. & G. Martin) (13)
Meloidogyne sp. (Heterodera radicicola (Greef) Muell.) (13)
Peronospora parasitica Fr. (13)

(Brassica oleracea capitata cont.)
Rhizoctonia solani Kuehn (13)
B. PEKINENSIS (Lour.) Gagnep
Albugo candida (Pers.) Kuntze (6)
Alternaria sp(p). (as A. brassicae (Berk.) Sacc.) (6)
A. brassicae (Berk.) Sacc. (Macrosporium herculeum Ell. & G. Martin) (6, 13)
B. RAPA L.
Albugo candida (Pers.) Kuntze (13)
Alternaria sp(p). (as A. brassicae (Berk.) Sacc. (13)
A. brassicae (Berk.) Sacc. (Macrosporium herculeum Ell. & G. Martin) (13)
BRAVAISIA FLORIBUNDA DC.
Clypeotrabutia deminuta (Syd.) Chardon & Toro (2, 18)
BREDEMEYERA LUCIDA Klotzsch
Asterinella bredemeyerae Orejuela (15)
BRICKELLIA DIFFUSA (Vahl) A. Gray
Puccinia kuhniae Schw. (8)
BROMELIA sp.
Toroa dimerosporioides (Speg.) Syd. (20)
BROMUS CATHARTICUS Vahl
Puccinia sp. (6)
BROMUS PITENSIS H.B.K.
Puccinia sp. (6)
BROWNEA sp.
Uredo sp. (6)
BRUNELLIA COMOCLADIFOLIA Humb. & Bonpl.
Asterina kernii Toro (6)
Hypocrella caulinum (Berk. & Curt.) Pat. (6)
Phyllachora sp. (6)
P. masinii Toro (1, 6)
BUCHENAVIA CAPITATA (Vahl) Eichl.
Phyllachora buchenaviae Petr. & Cif. (2)
BUDDLEIA sp.
Cercospora sp. (6)
B. VERBASCIFOLIA H.B.K.
Cercospora sp. (6)
BUNCHOSIA GLANDULIFERA (Jacq.) H.B.K.
Cercospora sp. (6)
C. bunchosiae Chupp & Muller (14)
Septoria bunchosiae Toro (2)
BYRSONIMA spp.
Aecidium singulare (Diet. & Holw.) Arth. (6)
Cronartium sp. (6)
Meliola sp. (6)
B. CRASSIFOLIA (L.) H.B.K.
Aecidium byrsonimatus P. Henn. (9)
Crossopsora notata Arth. (2)
CAJANUS CAJAN (L.) Millsp.
Cercospora cajanae P. Henn. (6, 13, 14, 16)
Mycovellosiella cajani (P. Henn.) Rangel (2)
Uromyces sp. (6)
U. dolicholi Arth. (13, 16, 19)
CALAMAGROSTIS sp.
Puccinia epiphylla (L.) Wettst. (2)
C. PITTIERI Hack.
Puccinia epiphylla (L.) Wettst. (2)
CALATHEA sp.
Puccinia cannae (Wint.) P. Henn. (8)
CALLIANDRA CARACASANA (Jacq.) Benth.
Ravenelia echinata Lagh. & Diet. (2)

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CALOTROPIS HERBACEA Wight.
Cercospora calotropidis Ell. & Ev. (6, 14)
C. PROCERA (Ait.) R. Br.
Cercospora calotropidis Ell. & Ev. (2, 14)
Cladosporium calotropidis F. L. Stevens (2)
Puccinia sp. (6)
P. concrescens Ell. & Ev. (2)
P. obliqua Berk. & Curt. (2)
CANAVALIA sp.
Mycosphaerella sp. (6)
C. ENSIFORMIS (L.) D.C.
Cercospora canavaliae Syd. (14)
Mycosphaerella venezuelensis J. H. Miller & Burton (6)
C. MARITIMA (Aubl.) Thouars
Ascochyta sp. (6)
CANNA sp.
Puccinia cannae (Wint.) P. Henn. (2, 6)
C. INDICA L.
Puccinia cannae (Wint.) P. Henn. (6, 13)
CAPPARIS FLEXUOSA L.
Polyrhizon capparidis Orejuela (15)
Septoria sp. (6)
C. ODORATISSIMA Jacq.
Phyllosticta capparidis Chardon (1, 6)
CAPRIOLA DACTYLON: see CYNODON DACTYLON
CAPSICUM spp.
Cercospora atromarginalis Atk. (6)
C. diffusa Ell. & Ev. (2)
C. ANNUUM L.
Cercospora atromarginalis Atk. (6, 13)
C. capsici Heald & Wolf (2, 6, 13, 14)
Colletotrichum atramentarium (Berk. & Br.) Taub. (13)
C. nigrum Ell. & Hals. (2, 6, 13)
Erwinia carotovora (L. R. Jones) Holland (13)
Fusarium sp. (7)
Phytophthora sp. (4: Vol. 1, No. 6. July 1949)
Ramularia sp. (7)
Sclerotium rolfsii Sacc. (13)
Virus (mosaic) (7)
C. BACCATUM L.
Cercospora capsici Heald & Wolf (2)
C. FRUTESCENS L.
Colletotrichum sp. (6)
C. atramentarium (Berk. & Br.) Taub. (6)
Oidium sp. (6)
Phyllosticta carica-papaya Allesch. (6)
CARDIOSPERMUM CORINDUM L.
Puccinia arechavaletae Speg. (2)
C. HALICACABUM L.
Puccinia arechavaletae Speg. (2)
C. MICROCARPUM H.B.K.
Puccinia arechavaletae Speg. (2)
CARICA PAPAYA L.
Asperisporium caricae (Speg.) Maubl. (Pucciniopsis caricae Earle) (2; 3, 2nd year, no. XIII, Jan. 1948; 6; 13).
Colletotrichum papayae P. Henn. (13)
Virus (mosaic) (7, 13)
CARYA ILLINOENSIS (Wang.) K. Koch (HICORIA PECAN Britton)
Cercospora fusca (Heald & Wolf) Rand (6; 14)
CARYOTA sp.
Pestalotia sp. (6)

CASEARIA sp.
Meliola caseariae Petr. & Cif. (20)
C. GUIANENSIS (Aubl.) Urban
Meliola paulliniae F. L. Stevens (2)
C. SYLVESTRIS Sw.
Meliola caseariae Petr & Cif. (20)
CASSIA spp. (see also PEIRANISIA)
Cercospora sp. (6)
C. simulata Ell. & Ev. (2, 14)
Diplodia sp. (6)
Phyllachora sp. (6)
C. ABSUS L.
Ravenelia indica Berk. (16)
C. BIFLORA L.
Puccinia sp. (6)
Ravenelia spinulosa Diet. & Holw. (2, 6)
C. EMARGINATA L.
Ravenelia portoricensis Arth. (10)
C. TORA L.
Ravenelia mirandensis Kern & Thurston (10)
Ravenelia sp. (6)
CECROPIA spp.
Anthostomella cecropiae (Rehm) Hoehn. (6)
Aschersonia aleyrodis Webber (6) (on scale insects ?)
Meliola sp. (6)
CEDRELA sp.
Phyllachora balansae Speg. (6)
C. MEXICANA Roem.
Phyllachora balansae Speg. (2)
CEIBA PENTANDRA Gaertn.
Camillea bomba (Mont.) Lloyd (6)
Phyllachora sp. (6)
CELOSIA sp.
Cercospora celosiae Syd. (14)
C. CRISTATA L.
Cercospora celosiae Syd. (6)
CENCHRUS sp.
Puccinia sp. (6)
C. ECHINATUS L.
Puccinia cenchri Diet. & Holw. (2)
Ustilago sp. (6)
C. VIRIDIS Spreng.
Phyllachora sphaerosperma Wint. (2, 6) (Phyllachora sphaerospora Pat.)
CENTAUREA sp.
Cercospora centaureae Diet. (6, 14)
CENTROSEMA sp. (BRADBURYA sp.)
Phyllachora galactiae Earle (6)
C. VIRGINIANUM (L.) Benth. (BRADBURYA VIRGINIANA (Benth.) Kuntze)
Cercospora centrosemae Chupp & Muller (14)
Phyllachora galactiae Earle (2)
Puccinia sp. (6)
CEPHAELIS AXILLARIS Sw.
Pediascus cephaelidis Chardon (2)
CEROPTERIS: see PITYROGRAMMA
CESTRUM sp.
Phyllachora sp.
C. LATIFOLIUM Lam.
Cercospora cestri Chupp. & Muller (14)
Uromyces cestri (Mont.) Lév. (9)
C. MIERSIANUM Wedd.
Chrysocyclus cestri (Diet. & P. Henn.) Syd. (Chrysopsora cestri Arth.) (8)

(Cestrum miersianum cont.)
Phyllachora toroi Chardon (2)
CHAETIUM FESTUCOIDES Nees
Puccinia chaetii Kern & Thurston (11)
CHAMAESYCE: see Euphorbia
CHAPTALIA NUTANS (L.) Polak.
Phyllachora microtheles (Speg.) Chardon (2, 6)
CHENOPODIUM AMBROSIOIDES L.
Cercospora anthelmintica Atk. (6, 14)
CHLORIS POLYDACTYLA (L.) Sw.
Dothichloë nigricans (Speg.) Chardon (6)
C. RADIATA (L.) Sw. (C. VIRGATA P. Durand)
Phyllachora chloridicola Speg. (2)
CHLOROPHORA TINCTORIA (L.) Gaud.
Cercospora sp. (7)
Physopella maclurae Arth. (Uredo maclurae Speg.) (2, 18)
CHOMELIA TENUIFLORA Benth.
Meliola psychotriae Earle (2)
CHRYSANTHEMUM spp.
Cercospora sp. (6)
C. chrysanthemi Heald & Wolf (6, 14)
CHRYSOPHYLLUM spp.
Aschersonia basicystis Berk. & Curt (on scale insects) (6)
A. brunnea Petch (on scale insects) (6)
Phyllachora sp. (6)
C. CAINITO L.
Aschersonia turbinata Berk. (on scale insects) (6)
Phyllachora sp. (6)
CHUSQUEA sp.
Meliola panici Earle (6)
C. SCANDENS Kunth
Ascopolyporus polychrous Moller (2)
CICER ARIETINUM L.
Rhizoctonia solani Kuehn (13)
CISSUS spp.
Endophyllum sp. (6)
E. guttatum (Kunze) Syd. (E. circumscriptum (Schw.) Whet. & Olive) (6)
Mycosyrinx cissi (DC.) G. Beck (2)
C. EROSA L.C.Rich.
Mycosyrinx sp. (6)
C. RHOMBIFOLIA Vahl
Crossopsora caucensis (Mayor) Kern, Thurston & Whet. (C. wilsoniana Arth.) (2, 18)
CISSUS SICYOIDES L.
Aecidium mexicanum Diet. & Holw. (2)
Endophyllum guttatum (Kunze) Syd. (E. circumscriptum (Schw.) Whet. & Olive) (2, 6, 18)
Mycosyrinx sp. (6)
CITHAREXYLUM SUBTHYRSOIDEUM Pittier
Meliola glabroides F. L. Stevens (6)
CITRULLUS VULGARIS Schrad.
Cercospora citrullina Cke. (2, 6, 14)
Colletotrichum lagenarium (Pass.) Ell. & Halst. (6, 13)
Pseudoperonospora cubensis (Berk. & Curt.) Rostow. (6)
CITRUS spp.
Alternaria citri Pierce (13)
Ascochyta citri Penz. (6)
Apsergillus niger v. Tiegh. (13)
Cephaleuros sp. (6)
Colletotrichum gloeosporioides Penz. (6, 13)
Diplodia natalensis P. Evans (13)

(Citrus spp. cont.)
Penicillium sp. (13)
Phytophthora parasitica Dast. (13)
Rhizopus nigricans Ehr. (13)
Septoria sp. (6)
S. citri Pass. (13)
Sphaceloma fawcettii Jenkins (6, 7, 13)
Sphaeropsis tumefaciens Hedges (3, 1st year, No. 7, July 1947)
C. AURANTIFOLIA (Christm.) Swing.
Septoria sp. (6)
Sphaceloma fawcetii Jenkins (Sporotrichum citri (Mass.) Butl.) (2)
C. AURANTIUM L.
Alternaria sp. (6)
A. citri Pierce (6, 13)
Ascochyta citri Penz. (13)
Sphaceloma fawcettii Jenkins (Sporotrichum citri (Mass.) Butl.) (2, 6)
C. GRANDIS (L.) Osbeck
Colletotrichum gloeosporioides Penz. (7)
Sphaceloma fawcettii Jenkins (Sporotrichum citri (Mass.) Butl.) (2)
C. LIMON (L.) Burm. f.
Colletotrichum limetticola Clausen (7)
Septoria sp. (6)
Sphaceloma fawcettii Jenkins (7)
C. MAXIMA (Burm.) Merr.
Phomopsis citri Fawc. (6)
C. SINENSIS (L.) Osbeck
Alternaria citri Pierce (6)
Colletotrichum sp. (6)
C. gloeosporioides (Penz.) Sacc. (2, 7)
Penicillium italicum Wehmer (7)
Septoria citri Pass. (7)
CLEOME spp.
Cercospora conspicua Earle (6, 14)
C. uramensis Chupp & Muller (6, 14)
Plasmopara venezuelanae Chardon (1, 6)
C. PSORALEAEFOLIA DC.
Cercospora cleomes Ell. & Halst. (2, 14)
CLIBADIUM sp.
Uredo sp. (6)
CLIDEMIA ELATA Pittier
Dothidina sphaerospora Chardon (2)
C. FENDLERI Cogn.
Bagnisiopsis toledoi Chardon (2)
C. GRANDIFLORA Cogn.
Bagnisiopsis peribebuyensis (Speg.) Th. & Syd. (1)
Botryosphaeria multipunctata (Wint.) Syd. (6)
CLITORIA GUIANENSIS (Aubl.) Benth.
Puccinia sp. (6)
Uromyces neurocarpi Diet. (9)
C. RUBIGINOSA Juss.
Uromyces neurocarpi Diet. (9)
C. TERNATEA L.
Ascochyta pisi Lib. (6)
Cercospora clitoriae Atk. (2, 14)
C. clitoridis Gonz. Frag. & Cif. (6, 14)
CLUSIA sp.
Meliola sp. (6)
COCCOLOBA sp.
Clypeotrabutia portoricensis (F. L. Stevens) Chardon (2)
C. CARACASANA H.B.K.
Meliola coccolobis F. L. Stevens & Tehon (20)

COCCOLOBA UVIFERA L.
Somatexis coccolobis Toro (2)
Uredo sp. (6)
U. uviferae Syd. (10; erroneously referred to U. coccolobae P. Henn. (2))
COFFEA ARABICA L.
Cephalosporium lecanii Zimm. (on scale insects) (7)
Cercospora coffeicola Burk. & Curt. (6, 13)
Colletotrichum sp. (6)
C. coffeanum Noack (6)
Fusarium sp. (fruit decay) (7)
Mycena citricolor (Berk. & Curt.) Sacc. Reported as Omphalia flavida Rangel & Maubl. (6, 13)
Nematodes undet. (5, March 1948)
Pellicularia koleroga Cke. (Corticium koleroga (Cke.) Hoehn.) (2, 6, 13)
Rosellinia spp. (6, 13)
Septoria sp. (6)
Stilbella flavida (Cke.) P. Henn. (2, 6). See Mycena citricolor.
COMBRETUM FRUTICOSUM (Loefl.) Stuntz.
Uredo combreti Kern & Thurston (10)
COMMELINA spp.
Mycena citricolor (Berk. & Curt.) Sacc. Reported as Omphalia flavida Rangel & Maubl. (6)
Puccinia sp. (6)
C. ELEGANS H.B.K.
Phakopsora tecta Jacks. & Holw. (2)
C. QUITENSIS Benth.
Phakopsora tecta Jacks. & Holw. (2)
CONOCARPUS ERECTUS L.
Cercospora conocarpi Chupp & Muller (6, 14)
CONVOLVULACEAE
Cercospora ipomoeae Wint. (14)
CONVOLVULUS NODIFLORUS Desr., see JACQUEMONTIA NODIFLORA
CORCHORUS PILOBOLUS Link
Cercospora macutensis Syd. (14)
CORDIA spp.
Chaetostigme cordiae (P. Henn.) F. L. Stevens (2)
Diatractium cordiae (F. L. Stevens) Syd. (6)
Dimeriella cordiae (P. Henn.) Th. (20)
Phyllachora sp. (6)
C. ALBA (Jacq.) Roem. & Schult.
Metasphaeria abortiva F. L. Stevens (2)
C. CURASSAVICA (Jacq.) R. & S.
Aecidium cordiae P. Henn. (8)
C. CYLINDROSTACHYA R. & S.
Cercospora cordiae Chupp (2, 14)
Chaetostigme cordiae (P. Henn.) F. L. Stevens (2)
C. GLABRA L. (C. CALLOCOCCA L.)
Diatractium cordiae (F. L. Stevens) Syd. (1, 6)
C. GLOBOSA (Jacq.) H.B.K. (VARRONIA GLOBOSA Jacq.)
Aecidium cordiae P. Henn. (2)
COREOPSIS spp.
Cercospora bidentis Tharp (6, 14)
Oidium sp. (6)
CORIANDRUM SATIVUM L.
Alternaria sp. (as Macrosporium sp.) (6)
COUMAROUNA ODORATA Aubl. (DIPTERYX ODORATA (Aubl.) Willd.)
Phyllosticta sp. (6)
COUSSAPOA VILLOSA Poepp. & Endl.
Phyllachora mirandina Chardon (2)
COUTAREA HEXANDRA (Jacq.) Schum.
Aecidium coutareae Kern & Thurston (11)

(Coutarea hexandra cont.)
Phyllachora coutareae Chardon (1, 6)
CRACCA: see TEPHROSIA
CRESCENTIA CUJETE L.
Irenina arachnoides (Speg.) F. L. Stevens (2)
Meliola crescentiae F. L. Stevens (6)
Phyllactinia sp. (6)
Phyllosticta sp. (6)
CRINUM sp.
Aecidium sp. (6)
CROTALARIA spp.
Cercospora crotalariae Syd. (2, 6, 14)
Oidium spp. (6, 13)
C. ANAGYROIDES H.B.K.
Cercospora crotalariae Syd. (14)
Phakopsora crotalariae (Diet.) Arth. (10)
Uromyces decoratus Syd. (6)
C. INTERMEDIA Kotschy
Cercospora sp. (6)
C. JUNCEA L.
Cercospora sp. (6)
C. MUCRONATA Desv. (C. striata D.C.)
Ascochyta sp. (6)
C. NITENS H.B.K.
Uromyces decoratus Syd. (2)
C. SPECTABILIS Roth
Ascochyta pisi Lib. (6)
Cercospora demetrioniana Wint. (6, 14)
Mycosphaerella sp. (6)
CROTON spp.
Arthuria columbiana (Kern & Whet.) Cumm. (10)
Bubakia venezuelana Kern & Thurston (11)
Cercospora sp. (6)
C. manoensis P. Henn. (6, 14)
C. maritima Tracy & Earle (2)
Meliola sp. (6)
M. longispora (Gaill.) F. L. Stevens (6)
Phakoposora crotonis (Cke.) Arth. (2)
Phyllachora sp. (6)
P. lunulata Chardon (2)
P. tragiae (Berk. & Curt.) Sacc. (2)
Puccinia sp. (6)
Stemphyliomma crotonis Toro (2)
Uredo sp. (6)
C. CURRANII Blake
Phakopsora crotonis (Cke.) Arth. (Schroeteriaster crotonis (Burr.) Diet.) (2, 18)
C. GLANDULOSUS L.
Cercospora maritima Tracy & Earle (2, 14)
C. HIRTUS L'Hérit.
Phakopsora crotonicola (P. Henn.) Kern, Thurston & Whetzel (2)
C. NIVEUS Jacq.
Gomezina araguata Chardon & Toro (2)
CUCUMIS MELO L.
Erysiphe cichoracearum DC. (13) (Oidium stage only)
Pseudoperonosphora cubensis (Berk. & Curt.) Rostow. (6, 13)
CUCUMIS SATIVUS L.
Erysiphe cichoracearum DC. (13) (Oidium stage only)
Pseudoperonospora cubensis (Berk. & Curt.) Rostow. (6, 13)
Pseudomonas lachrymans (E.F.Sm. & Bryan) Carsner (4, Vol. 2, #1, Sept. 1949)

CUCURBITA MAXIMA Duch.
Erysiphe cichoracearum D.C. (13) (Oidium stage only)
Rhagadolobium curcurbitacearum (Rehm) Th. & Syd. (6)
CUCURBITA MOSCHATA Duch.
Pseudoperonospora cubensis (Berk. & Curt.) Rostow. (2, 6)
Rhagadolobium cucurbitacearum (Rehm) Th. & Syd. (2)
CUCURBITA PEPO L.
Erysiphe cichoracearum DC. (6, 13) (Oidium stage only)
CUPANIA AMERICANA L.
Irenopsis cupaniae (F. L. Stevens) F. L. Stevens (20)
Meliola praetervisa Gaill. (2)
CURATELLA AMERICANA L.
Cercospora chirguensis Chupp & Muller (6, 14)
C. curatellae Syd. (14)
CYATHULA ACHYRANTHOIDES (H.B.K.) Moq.
Albugo bliti (Biv.) Kuntze (2)
Uredo cyathulae Mayor (10)
CYBIANTHUS BROWNII Gleason
Meliola cybianthis Toro (2)
CYCLANTHERA PEDATA (L.) Schrad.
Cercospora cyclantherae Chupp & Muller (6, 14)
CYDONIA OBLONGA Mill.
Cercospora mali Ell. & Ev. (6, 13)
Colletotrichum gloeosporioides Penz. (13)
CYNARA CARDUNCULUS L.
Cercospora obscura Heald & Wolf (6, 14)
CYNODON DACTYLON (L.) Pers. (CAPRIOLA DACTYLON (L.) Kuntze)
Helminthosporium sp. (6)
Puccinia cynodontis (Lacroix) Desm. (2, 6)
CYPERUS spp.
Puccinia abrepta Kern (2)
P. cyperi Arth. (2)
P. cyperi-tagetiformis (P. Henn.) Kern (2)
CYPERUS aff. ALTERNIFOLIUS L.
Puccinia subcoronata P. Henn. (9)
C. CARACASANUS Kunth
Puccinia abrepta Kern (2)
C. CAYENNENSIS (Lam.) Britton
Puccinia sp. (6)
P. abrepta Kern (2)
CYPERUS GLOBULOSUS Aubl.
Puccinia canaliculata (Schw.) Lagh. (2)
CYPERUS INCOMPLETUS (Jacq.) Link
Puccinia abrepta Kern (2)
CYPERUS LIGULARIS L.
Cintractia limitata Clint. (2, 6)
CYPERUS TENUIFOLIUS (Steud.) Dandy (KYLLINGIA PUMILA Michx.)
Uredo kyllingiae P. Henn. (2, 6)
DAHLIA spp.
Entyloma dahliae Syd. (6, 13)
Meloidogyne sp., as Heterodera marioni (Cornu) Goodey (13)
Oidium sp. (6, 13)
DALEA CARTHAGINENSIS (Jacq.) Macbr. (DALEA VULNERARIA var. BARBATA Oerst., PAROSELA BARBATA (Oerst.) Rydb.)
Puccinia sp. (6)
Uropyxis daleae (Diet. & Holw.) Magn. (2)
DALECHAMPIA sp.
Aecidium dalechampiicola P. Henn. (2)
DATURA METELOIDES Dunal.
Alternaria solani (Ell. & G. Martin) Sor. (2)
DATURA STRAMONIUM L.
Aecidium daturae Kern, Thurston & Whet. (2)

(Datura stramonium cont.)
Alternaria sp. (also Macrosporium sp.) (6)
DAUCUS CAROTA L.
Alternaria dauci (Kuehn) Groves & Skolko (Macrosporium carotae Ell. & Langl.) (6)
Septoria apii Fres. (7)
DESMODIUM spp. (MEIBOMIA spp.)
Cercospora desmodiicola Ell. & Kell. var. leiocarpa Gonz. Frag. & Cif. (14)
C. meibomiae Chupp (6, 14)
Meliola bicornis Wint. (2)
Oidium sp. (6)
Parodiella paraguayensis Speg. (2)
Parodiella perisporioides (Berk. & Curt.) Speg. (2)
Uromyces hedysari-paniculati (Schw.) Farl. (2)
D. ADSCENDENS (Sw.) DC.
Parodiella perisporioides (Berk. & Curt.) Speg. (2)
D. AFFINE Schlecht. (D. ALBIFLORUM Salzm.)
Uromyces hedysari-paniculati (Schw.) Farl. (2)
D. AXILLARE (Sw.) DC.
Uromyces hedysari-paniculati (Schw.) Farl. (2)
D. BARBATUM (L.) Benth. & Oerst.
Parodiella perisporioides (Berk. & Curt.) Speg. (2)
D. CAJANIFOLIUM (H.B.K.) DC.
Cercospora sp. (6)
Puccinia sp. (6)
D. CANUM (Gmel.) Schinz & Thellung (MEIBOMIA FRUTESCENS Jacq.)
Uromyces hedysari-paniculati (Schw.) Farl. (8)
D. INTORTUM (Mill.) Urb.
Synchytrium citrinum (Syd.) Gäum. (2)
D. SCORPIURUS (Sw.) Desv.
Puccinia sp. (6)
D. SUPINUM (Sw.) DC
Cercospora meibomiae Chupp (2, 14)
Meliola bicornis Wint. (2)
Meliola denticulata Wint. (2)
Meliola desmodii Karst. & Roum. (2)
D. TORTUOSUM (Sw.) DC. (MEIBOMIA PURPUREA (Mill.) Vail)
Cercospora desmodiicola Ell. & Kell. var. leiocarpa Gonz. Frag. & Cif. (6)
Uromyces hedysari-paniculati (Schw.) Farl. (2)
DIANTHUS spp.
Alternaria dianthi F. L. Stevens & Hall (6)
Meloidogyne sp., as Heterodera marioni (Cornu) Goodey (13)
Septoria dianthi Desm. (6, 13)
Uromyces caryophyllinus (Schrank) Wint. (6, 13)
D. CARYOPHYLLUS L.
Uromyces caryophyllinus (Schrank) Wint. (9)
DICHRONEMA sp.
Ustilaginoidea dichronemae P. Henn. (2, 6)
D. CILIATA Vahl
Puccinia dichronemae (Arth.) Jacks. (8)
"DIDYMOPANAX GUILFOGLEI": see POLYSCIAS GUILFOYLEI
DIGITARIA HORIZONTALIS Willd.
Uromyces panici-sanguinalis Rangel (2)
D. SANGUINALIS (L.) Scop.
Piricularia grisea (Cke.) Sacc. (6)
DIOSCOREA spp.
Cercospora dioscoreae Ell. & G. Martin (6, 14)
Phyllachora sp. (6)
P. ulei Wint. (2, 6)

DIOSCOREA ALATA L.
Cercospora brasiliensis Averna-Saccá (6, 14)
D. aff. GRANDIFLORA Mart.
Sphenospora pallida (Wint.) Diet. (2)
D. TRIPHYLLA L.
Alternaria sp. (6)
Colletotrichum sp. (6)
DIPLAZIUM EXPANSUM Willd.
Nipholepis filicina Syd. (19)
DIPTERYX, see COUMAROUNA
DITAXIS FENDLERI (Muell. Arg.) Pax & K.Hoffm.
Cercospora argythamniae Dearn. & House (6, 14)
DOLICHOS LABLAB L.
Erysiphe polygoni DC. (7)
Phakopsora vignae (Bres.) Arth. (7)
Puccinia sp. (6)
D. MINIMUS, D. RETICULATUS: see RHYNCHOSIA
DORSTENIA CONTRAJERVA L.
Uredo rubescens Arth. (2)
DRYOPTERIS POITEAUANA (Bory) Urban
Desmella superficialis (Speg.) Syd. (2)
D. TETRAGONA (Sw.) Urban
Desmella superficialis (Speg.) Syd. (2)
DUGGENA SPICATA: see GONZALAGUNIA SPICATA
DURANTA MUTISII L. f.
Cercospora durantae Chupp & Müller (6, 14)
Meliola sp. (6)
DURANTA REPENS L.
Irenina pittieri (Toro) Orejuela (Irenopsis pittieri Toro) (2, 15)
Meliola sp. (6)
Phyllachora sp. (6)
P. fusicarpa Seaver (2, 6)
ECHINOCHLOA COLONUM (L.) Link
Cercospora echinochloae J. J. Davis. (6, 14)
Piricularia grisea (Cke.) Sacc. (6)
ECHITES TRIFIDA Jacq.
Hemileia jahnii Syd. (2)
Mycosphaerella discophora Syd. (9)
ELEOCHARIS sp.
Puccinia liberta Kern (2)
ELEPHANTOPUS spp.
Cercospora elephantopodis Ell. & Ev. (6, 14)
Coleosporium sp. (6)
Mycena citricolor (Berk. & Curt.) Sacc. as Omphalia flavida (Cke.) Rangel & Maub. (6)
E. ANGUSTIFOLIUS: see ORTHOPAPPUS ANGUSTIFOLIUS
E. MOLLIS H.B.K.
Coleosporium elephantopodis (Schw.) Thuem. (2)
ELEUSINE INDICA (L.) Gaertn.
Helminthosporium sp. (6)
ELEUTHERANTHERA RUDERALIS (Sw.) Sch. & Bip.
Puccinia melampodii Diet. & Holw. (2)
ELYONURUS TRIPSACOIDES H. & B.
Phyllachora dolgei Chardon (2)
ELYTRARIA TRIDENTATA Vahl
Puccinia elytrariae P. Henn. (2)
EMMEORHIZA UMBELLATA (Spreng.) K. Schum.
Cercospora emmeorhizae Syd. (14)
Uromyces emmeorrhizae Syd. (2)
ERAGROSTIS CILIARIS (L.) Link
Uromyces eragrostidis Tracy (2)

ERAGROSTIS CURTIPEDICELLATA Buckl.
Puccinia sp. (6)
E. NEOMEXICANA Vasey
Uromyces eragrostidis Tracy (2)
E. POLYTRICHA Nees
Phyllachora eragrostidis Chardon (1)
ERIGERON PUSILLUS Nutt. (LEPTILON PUSILLUM (Nutt.) Britton)
Dimeriella erigeronicola F. L. Stevens (20)
ERIOBOTRYA JAPONICA (Thunb.) Lindl.
Mycena citricolor (Berk. & Curt.) Sacc. as Omphalia flavida (Cke.) Rangel & Maub. (6, 13)
Pestalotia sp. (6)
Phyllosticta sp. (6)
P. eriobotryae Thuem. (6, 13)
ERIOCHLOA POLYSTACHYA H.B.K.
Puccinia substriata Ell. & Barth. (8)
ERODIUM sp.
Cercospora sp. (6)
ERYTHRINA spp.
Dicheirinia sp. (6)
Phyllosticta lasadjuntas Toro (2)
ERYTHRINA GLAUCA Willd.
Calostilbe striispora (Ell. & Ev.) Seaver (6)
Cercospora erythrinae Syd. (6, 14)
C. pittieri Syd. (14)
Dicheirinia binata (Berk. & Curt.) Arth. (2)
Phyllosticta erythrinicola Young (2)
Puccinia sp. (6)
ERYTHROXYLON spp.
Uredo erythroxylonis Graz. (2)
Uredo sp. (6)
ESPELETIA NERIIFOLIA (H.B.K.) Sch. Bip.
Leptosphaeria jahnii Chardon (1)
ESPELETIA SCHULTZII Wedd.
Cercospora espeletiae Chupp (14)
EUCHLAENA MEXICANA Schrad.
Helminthosporium turcicum Pass. (6)
EUGENIA spp.
Asterina mandaquiensis P. Henn. (2)
Catacauma eugeniicola Chardon (2)
Dictothyriella lourdes Toro (2)
Parasterina mirabilis Toro (2)
Phyllachora tachirensis Chardon (2)
Sphaerodothis consociata Chardon (2)
EUGENIA PUNICAEFOLIA (H.B.K.) DC
Parasterina mirabilis Toro (2)
Rehmiodothis eugeniae Chardon (2)
Stomiopeltis eugeniae Toro (2)
EUPATORIUM spp.
Cercospora sp. (6)
Cionothrix praelonga (Wint.) Arth. (Cronartium praelongum Winter) (2, 6).
Cronartium sp. (6)
Irene sororcula (Speg.) Stev. (2)
Septoria sp. (6)
Phyllachora sp. (6)
Puccinia eupatorii-columbiani Mayor (11)
Typhodium eupatorii Seaver (2)
E. BALLOTAEFOLIUM H.B.K.
Septoria sp. (6). Host reported as "Vernonia ballotaefolia."
Uredo eupatoriorum Mayor (2)

EUPATORIUM IRESINOIDES H.B.K.
Puccinia aegopogonis Arth. & Holw. (11)
E. JAHNII Robinson
Cionothrix praelonga (Wint.) Arth. (Cronartium praelongum Wint.) (2)
E. MACROPHYLLUM L.
Coleosporium eupatorii Arth. (2)
E. ODORATUM L.
Cercospora sp. (6)
Cionothrix praelonga (Wint.) Arth. (18) (Cronartium praelongum Wint.) (2)
E. SCANDENS: see MIKANIA SCANDENS
EUPHORBIA spp. (including CHAMAESYCE)
Botrytis sp. (6)
Oidium sp. (6)
Puccinia sp. (6)
Sphaceloma sp. (6)
Uromyces proeminens (DC.) Pass. (6)
E. CARACASANA Boiss.
Cercospora euphorbiae Kell. & Swing. (6, 14)
E. COTINIFOLIA L.
Puccinia venezuelana Kern, Thurston & Whet. (Uredo venezuelana Kern, Thurston & Whet.) (2, 10)
E. GENICULATA Ortega
Melampsora euphorbiae-geniculatae Kern & Thurston (11)
E. GRAMINEA Jacq.
Albugo sp. (6)
E. HETEROPHYLLA L.
Oidium sp. (7)
E. HIRTA L. (CHAMAESYCE HIRTA Millsp.)
Uromyces proeminens (DC.) Pass. (Uromyces euphorbiicola Tranz.) (2, 18)
E. HYPERICIFOLIA L. (CHAMAESYCE HYPERICIFOLIA (L.) Millsp.)
Microsphaera euphorbiae Pk. (2)
Uromyces proeminens (DC.) Pass. (6)
E. HYSSOPIFOLIA L. (CHAMAESYCE HYSSOPIFOLIA (L.) Small)
Uromyces proeminens (DC.) Pass. (2)
EVOLVULUS ALSINOIDES L.
Uredo evolvuli Speg. (2) (Probably stage of Puccinia tuyutensis Speg.)
E. TENUIS Mart.
Meliola malacotricha Speg. (6)
Puccinia sp. (6)
FAGOPYRUM ESCULENTUM Moench
Cercospora fagopyri Chupp & Muller (6, 14)
FAGARA PTEROTA L.
Meliola fagaricola (Speg.) F. L. Stevens (8)
FAGARA aff. RHOIFOLIA Engl.
Aecidium xanthoxylinum Speg. (9)
FESTUCA MYUROS L.
Puccinia epiphylla (L.) Wettst. (2)
FICUS spp.
Catacauma portoricensis Chardon (6)
Cercospora elasticae Zimm. (2)
C. urostigmatis P. Henn. (6, 14)
Cerotelium fici (Cast.) Arth. (13)
Oidium sp. (6)
Puccinia sp. (6)
Uredo ficina Juel (10)
FICUS CARICA L.
Cercospora elasticae Zimm. (6, 14)
Cerotelium fici (Cast.) Arth. (2, 6, 13)
FICUS FLORESINA Pittier
Phyllachora trujillensis Chardon (2)

FICUS GUANARENSIS Pittier
Phyllachora portoricensis Chardon (6)
FICUS TURBINATA Pittier
Cerotelium fici (Cast.) Arth. (Physopella ficina Arth.) (2, 18)
FIMBRISTYLIS sp.
Phyllachora gracillima Speg. (6)
F. DICHOTOMA (L.) Vahl (F. DIPHYLLA (Retz.) Vahl)
Cintractia axicola (Berk.) Cornu (2)
Phyllachora gracillima Speg. (2)
FOURCROYA HUMBOLDTIANA Trel.
Mirandia fourcroyae Toro (2)
Sphaerodothis fourcroyae Chardon (2)
FRAGARIA CHILOENSIS Duch.
Mycosphaerella fragariae (Tul.) Lindau (7)
Ramularia tulasnei Sacc. (13). Imperfect stage of Mycosphaerella fragariae.
F. VESCA L.
Cercospora vexans Massal. (6, 14)
Ramularia tulasnei Sacc. (6)
FUCHSIA sp.
Cercospora fuchsiae Chupp & Muller (6, 14)
FUNASTRUM CLAUSUM (Jacq.) Schltr.
Puccinia concrescens Ell. & Ev. (2)
F. GLAUCUM (H.B.K.) Schltr.
Puccinia obliqua Berk. & Curt. (Puccinia kunzeana P. Henn.) (2, 18)
GALACTIA spp.
Phyllachora sp. (6)
P. galactiae Earle (6)
G. STRIATA (Jacq.) Urb.
Phyllachora galactiae Earle (2)
GALINSOGA CARACASANA (DC.) Sch. Bip.
Albugo tragopogonis (DC.) S. F. Gray (2)
Entyloma galinsogae Syd. (2, 6)
GARDENIA sp.
Corticium sp. (6)
GERANIUM VELUTINUM Turcz.
Puccinia unilateralis (Arth.) Cumm. (15)
GLIRICIDIA SEPIUM (Jacq.) H.B.K.
Cercospora atropurpurascens Chupp (2, 14)
Cercospora gliricidasis Gonz. Frag. & Cif. (6, 14)
Cercospora gliricidiae Syd. (14)
Cercospora sp. (6)
GLYCINE MAX (L.) Merr.
Ascochyta pisi Lib. (6, 13)
Cercospora glycines Cke. (13)
Cercospora sojina Hara (6, 14)
Meloidogyne sp. (Heterodera marioni (Cornu) Goodey) (7)
Pseudomonas glycinea Coerper (Bacterium sojae Wolf) (13)
Rhizoctonia microsclerotia Matz (6)
Sclerotium rolfsii Sacc. (13)
Virus (Mosaic) (7)
GNAPHALIUM sp.
Puccinia gnaphaliata (Schw.) Arth. & Bisby (2)
G. SPICATUM Lam.
Cercospora gnaphaliacea Cke. (14)
GOMPHRENA IRESINOIDES (H.B.K.) Moq.
Uromyces bonariensis Speg. (2, 8)
GONZALAGUNIA SPICATA (Lam.) Maza (DUGGENA SPICATA (Lam.) Standley)
Meliola psychotriae Earle (2)
GOSSYPIUM spp.
Alternaria sp. (6)
Ascochyta gossypii Syd. (6)

(Gossypium spp. cont.)
Cercospora gossypii Cke. (6, 14)
Cerotelium desmium (Berk. & Br.) Arth. (2, 6, 13)
Colletotrichum gossypii Southworth (6, 13)
Macrophomina phaseoli (Maub.) Ashby (6)
Mosaic (Virus) (7)
Mycosphaerella sp. (6)
Ramularia areola Atk. (6, 13) The perfect stage, Mycosphaeiella areola Ehrlich & Wolf, has not been found in Venezuela.
Sclerotium rolfsii Sacc. (6)
Verticillium albo-atrum Reinke & Berth. (7, 13)
Xanthomonas malvacearum (E. F. Sm.) Dowson (13)
G. HIRSUTUM L.
Alternaria macrospora Zimm. (3, year 1, No. 11, Nov. 1947)
Cercospora gossypii Cke. (3, year 1, No. 11, Nov. 1947)
Choanephora sp. (3, year 1, No. 10, Oct. 1947)
Colletotrichum gossypii Southworth (3, year 1, No. 10, Oct. 1947)
Fusarium vasinfectum Atk. (7)
Ramularia areola Atk. (3, year 1, No. 11, Nov. 1947)
Sclerotium rolfsii Sacc. (4, Vol. 1, No. 6, July 1949)
GOUANIA LUPULOIDES (L.) Urb.
Puccinia gouaniae Holw. (2)
G. POLYGAMA (Jacq.) Urb.
Catacauma contractum Syd. (2)
Puccinia invaginata Arth. & J. R. Johnston (10)
GRAMINEAE
Dothichloë granulosa Chardon (2)
GRISLEA sp.
Cercospora grisleae Syd. (6, 14)
G. SECUNDA L.
Aecidium adenariae Mayor (8)
Cercospora grisleae Syd. (14)
Mollisia grisleae (Syd.) J. H. Miller & Burton (6)
GUADUA LATIFOLIA Kunth
Meliola sp. (6)
Phyllachora guaduae Chardon (2)
GUAREA sp.
Uredo guareae Kern, Thurston & Whet. (2)
GUAZUMA sp.
Cercospora guazumae Syd. (2, 14)
G. ULMIFOLIA Lam.
Alternaria sp. (6)
Cercospora flocculosa Syd. (14)
Cercospora guazumae Syd. (6, 14)
Periconia guazumae Linder (12)
GURANIA sp.
Meliola sp. (6)
GURANIA SPINULOSA Cogn.
Phyllachora cucurbitacearum Chardon (2)
GURANIA WAGENERIANA (Schlecht.) Cogn.
Cercospora cayaponiae F. L. Stevens & Solh. (14)
Peltaster guraniae Toro (2)
GUTTIFERAE
Irenina mangostana (Sacc.) F. L. Stevens (20)
GYMNOLONIA PATENS MACROPHYLLA: see HYMENOSTEPHIUM MICROCEPHALUM
HAMELIA ERECTA Jacq.
Aegerita webberi Faw. (19) An entomogenous species.
Uredo hameliae Arth. (2)
HEBECLINIUM: see EUPATORIUM
HELIANTHUS ANNUUS L.
Cercospora helianthi Ell. & Ev. (6, 14)

(Helianthus annuus cont.)
Cercospora sp. (6)
Erysiphe cichoracearum DC. (6) In the Oidium stage only
HELICONIA spp.
Leptosphaeria sp. (6)
Metasphaeria sp. (6)
HELIOCARPUS AMERICANUS L.
Puccinia heliocarpi Syd. (2)
H. TRICHOPODUS Turcz.
Puccinia sp. (6)
HELIOPSIS BUPHTHALMOIDES (Jacq.) Dunal
Puccinia bimbergi Mayor (2)
HELIOTROPIUM spp.
Cercospora heliotropii Ell. & Ev. (6)
Puccinia heliotropii Kern & Kell. (8)
H. INDICUM L.
Aecidium guatemalense Kern & Kell. (9)
HETEROTRICHUM MACRODON Planch.
Dimeriellopsis heterotrichi Toro (2)
HEVEA BENTHAMIANA Muell. Arg.
Catacauma huberi (P. Henn.) Th. & Syd. (6)
H. BRASILIENSIS (A. Juss.) Muell. Arg.
Dothidella ulei P. Henn. (6)
Fusicladium sp. (6)
HIBISCUS: see also ABELMOSCHUS
HIBISCUS sp.
Phyllosticta sp. (6)
H. ESCULENTUS L.
Ascochyta abelmoschi Harter (13)
Ascochyta sp. (6)
Cercospora hibisci Tracy & Earle (2, 6, 13, 14)
Cercospora hibiscina Ell. & Ev. (6, 13)
Cercospora malayensis F. L. Stevens & Solh. (14)
HICORIA PECAN: see CARYA ILLINOENSIS
HIERACIUM spp.
Oidium sp. (6)
Puccinia hieracii (Schum.) H. Mart. (2)
HILLERIA SECUNDA (R. & P.) H. Walt.
Puccinia hilleriae Kern & Thurston (11)
HOLCUS HALEPENSIS: see SORGHUM HALEPENSE
H. SORGHUM: see SORGHUM VULGARE
H. SORGHUM SUDANENSIS: see SORGHUM SUDANENSE
HORDEUM VULGARE L.
Helminthosporium sativum Pam., King & Bakke (13)
Helminthosporium sp. (6)
Puccinia graminis Pers. (6, 13)
Ustilago hordei (Pers.) Lagh. (6, 13)
Ustilago nuda (Jens.) Rostr. (6, 13)
"HORTENSIA" sp.: see HYDRANGEA
HURA CREPITANS L.
Cercospora hurae F. L. Stevens (6, 14)
Cercosporella hurae Linder & Whet. (12)
HYDRANGEA sp. (host reported as "HORTENSIA sp." but must be HYDRANGEA)
Cercospora sp. (6)
HYDROCOTYLE spp.
Cercospora hydrocotyles Ell. & Ev. (6, 14)
Puccinia sp. (6)
P. hydrocotyles (Ck.) Cke. (6)
HYDROCOTYLE UMBELLATA L.
Cercospora hydrocotyles Ell. & Ev. (6, 14)
Puccinia hydrocotyles (Lk.) Cke. (2)

HYMENACHNE DONACIFOLIA (Raddi) Chase
Physalospora hymenachnei Chardon (1)
HYMENAEA COURBARIL L.
Uredo hymenaeae Mayor (2)
HYMENOCALLIS aff. CARIBAEA Herb.
Aecidium hymenocallis Kern & Thurston (11)
HYMENOSTEPHIUM MICROCEPHALUM (Less.) Blake (GYMNOLONIA PATENS MACROPHYLLA Rob. & Green)
Meliola gymnoloniae (2)
HYPARRHENIA RUFA (Nees) Stapf
Helminthosporium sp. (6)
HYPERICUM sp.
Aecidium monticolae Kern, Thurston & Whet. (2, 6)
H. ULIGINOSUM H.B.K.
Uromyces hyperici-frondosi (Schw.) Arth. (2, 6)
HYPTIS spp.
Cercospora hypticola Chupp & Muller (6, 14)
Irenopsis anastomosans (Wint.) Toro (2)
Puccinia sp. (6)
Rosencheldia paraguaya Speg. (6)
H. CANESCENS H.B.K.
Puccinia medellinensis Mayor (8)
H. CAPITATA Jacq.
Irenina hyptidicola (F. L. Stevens) F. L. Stevens (15)
Puccinia hyptidis (Curt.) Tracy & Earle (11)
H. LAPPULACEA Mart.
Irenina hyptidicola (F. L. Stevens) F. L. Stevens (2)
H. MUTABILIS (Rich.) Briq. (8)
Puccinia hyptidis var. mutabilis Mayor (8)
H. MUTABILIS var. SPICATA (Poit.) Briq.
Irenina hyptidicola (F. L. Stevens) F. L. Stevens (2)
H. PECTINATA Poit.
Puccinia medellinensis Mayor (2)
IBATIA MARITIMA (L.) Dcne.
Cercospora ibatiae Chupp & Muller (6, 14)
IMPATIENS BALSAMINA L.
Cercospora fukushiana (Matsuura) Yamamoto (14)
C. impatientis Berk. (13)
Oidium sp. (6, 14)
IMPERATA CONTRACTA (H.B.K.) Hitchc.
Dictyochlorella sp. (6)
Phyllachora antioquensis Chardon (2, 6)
INDIGOFERA ANIL L.
Parodiella perisporioides (Berk. & Curt.) Speg. (6)
Uredo sp. (6)
I. MUCRONATA Spreng.
Uromyces indigoferae Diet. & Holw. (9)
I. SUFFRUTICOSA Mill.
Parodiella perisporioides (Berk. & Curt.) Speg. (2)
Ravenelia indigoferae Tranz. (2)
INGA spp.
Diatractium ingae (Allesch.) Syd. (19)
Meliola hariotula Speg. (15)
Parodiopsis stevensii Arn. (2)
Ravenelia ingae (P. Henn.) Arth. (Maravalia ingae Syd.) (2, 8)
I. FASTUOSA (Jacq.) Willd.
Uredo ingae P. Henn. (6, 9)
I. SPECTABILIS Willd.
Actinopeltis scitula Syd. (19)
IONOXALIS spp.
Cercospora sp. (6)
Puccinia sp. (6)

IPOMOEA spp.
- Albugo ipomoeae-panduranae (Farl.) Swing. (2, 6)
- Cercospora bataticola Cif. & Brun. (14)
- C. ipomoeae Winter (14)
- Coleosporium ipomoeae (Schw.) Burr. (6)
- Endophyllum sp. (6)
- Meliola clavulata Wint. (2)
- Phyllosticta sp. (6)
- P. batatas Thuem. (6)
- Puccinia crassipes Berk. & Curt. (2)
- P. opulenta Speg. (2)
- P. puta Jacks. & Holw. (2)

IPOMOEA BATATAS (L.) Lam.
- Albugo ipomoeae-panduranae (Farl.) Swing. (13)
- Albugo minor (Speg.) Cif. (2)
- Phyllosticta batatas (Thuem.) Cke. (2, 13)

IPOMOEA CARNEA Jacq.
- Cercospora bataticola Cif. & Brun. (6, 14)
- Puccinia puta Jacks. & Holw. (P. distinguenda (Syd.) Jacks. & Holw.) (2, 8)
- Puccinia sp. (6)

IPOMOEA CATHARTICA Poir.
- Coleosporium ipomoeae (Schw.) Burr. (2)

IPOMOEA GLABRA (Aubl.) Choisy
- Coleosporium ipomoeae (Schw.) Burr. (2)

IPOMOEA MEYERI (Spreng.) G. Don.
- Albugo ipomoeae-panduranae (Farl.) Swing. (2)

IPOMOEA PES-CAPRAE (L.) Roth
- Albugo ipomoeae-panduranae (Farl.) Swing. (7)

IPOMOEA PURPUREA (L.) Lam.
- Albugo ipomoeae-panduranae (Farl.) Swing. (2)
- Meliola clavulata Wint. (2)

IRENINA HYPTIDICOLA (F. L. Stevens) F. L. Stevens
- Ectosticta costaricana Syd. (2)
- Stigme costaricana Syd. (2)
- Trichothyrium dubiosum (Bom. & R.) Th. (15)

IRENINA TRILOBA (Wint.) F. L. Stevens
- Stigme costaricana Syd. (2)

IRENOPSIS GUIANENSIS (F. L. Stevens & Dow.) F. L. Stevens
- Helminthosporium guianensis F. L. Stevens & Dowell (2)

IRESINA CELOSIA L.
- Uromyces clarus Jacks. & Holw. (2)

IRIS spp.
- Asterina libertiae Syd. (15)
- Meliola sp. (6)

ISCHAEMUM LATIFOLIUM (Spreng.) Kunth
- Phyllachora ischaemicola Chardon (1)

JACOBINA sp.
- Cercospora diantherae Ell. & Kell. (6, 14)

JACQUEMONIA LACTESCENS Seem.
- Aecidium jacquemontiae Ell. & Ev. (10)

JACQUEMONTIA NODIFLORA (Desv.) G. Don.
- Uromyces gemmatus Berk. & Curt. (2)

JASMINUM sp.
- Cercospora jasminicola Chupp & Muller (13, 14)

JASMINUM GRANDIFLORUM L.
- Cercospora jasminicola Chupp & Muller (14)

JATROPHA CURCAS L.
- Phakopsora jatrophicola (Arth.) Cumm. (Uredo jatrophicola Arth.) (2, 8)

JUSSIAEA spp.
- Cercospora jussiaeae Atk. (6, 14)
- C. ludwigiae Atk. (2)

KYLLINGIA PUMILA: see CYPERUS TENUIFOLIUS
LACTUCA spp.
Cercospora lactucae P. Henn. (2)
C. longissima (Trav.) Sacc. (2)
L. INTYBACEA Jacq.
Puccinia arthurella Trott. (9)
L. SATIVA L.
Alternaria sp. as Macrosporium sp. (6)
Bremia lactucae Regel (2)
Cercospora lactucae P. Henn. (14)
C. longissima (Trav.) Sacc. (6, 13, 14)
Rhizoctonia solani Kuehn (13)
Septoria lactucae Pass. (6, 13)
LAGERSTROEMIA INDICA L.
Septoria sp. (6)
Oidium sp. (6)
LANTANA spp.
Cercospora guianensis F. L. Stevens (14)
C. lantanae Chupp (2)
Puccinia lantanae Farl. (2)
L. ACHYRANTHIFOLIA Desf.
Meliola ambigua Pat. & Gaill. (19)
M. lantanae Syd. (6)
Prospodium tuberculatum (Speg.) Arth. (9)
Puccinia sp. (6)
P. lantanae Farl. (2, 6)
L. ACULEATA L.
Puccinia lantanae Farl. (2)
L. CAMARA L.
Cercospora guianensis F. L. Stevens & Solh. (6, 14)
C. lantanae Chupp (2, 6, 14)
Epiphyma nervisequens (Chardon) J. H. Miller & Burton (1, 6)
Meliola lantanae Syd. (2)
Puccinia lantanae Farl. (2)
Rosencheldia paraguaya Speg. (6)
L. "SCHNIFFNERII"
Puccinia sp. (6)
L. TRIFOLIA L.
Meliola lantanae Syd. (20)
LASIACIS sp.
Meliola lasiacidis Toro (2)
LASIACIS DIVARICATA (L.) Hitchc.
Puccinia lasiacidis Kern (8)
LASIACIS PROCERRIMA (Hack.) Hitchc.
Angiopsora lenticularis Mains (11)
LASIACIS RUSCIFOLIA (H. B. K.) Hitchc.
Phyllachora lasiacis Syd. (2)
Uromyces costaricensis Syd. (U. leptodermus Syd.) (2, 18)
LASIACIS SORGHOIDEA (Desv.) Hitchc. & Chase
Uromyces costaricensis Syd. (U. leptodermus Syd.) (2, 18)
LAURACEAE
Clypeotrabutia meridensis Chardon (2)
Rehmiodothis lamulera Chardon (2)
LEONOTIS NEPETAEFOLIA (L.) R. Br.
Puccinia sp. (6)
P. leonotidis (P. Henn.) Arth. (2)
LEPTILON PUSILLUM: see ERIGERON PUSILLUS
LEPTOCHLOA DOMINGENSIS (Jacq.) Trin.
Phyllachora leptochloae Chardon (6)
L. VIRGATA (L.) Beauv.
Phyllachora sp. (6)
Puccinia leptochloae Arth. & Fromme (9)

LINUM USITATISSIMUM L.
Cercospora sp. (6)
LIPPIA sp.
Puccinia sp. (6)
L. NODIFLORA (L.) Greene.
Meliola lantanae Syd. (2)
LOLIUM TEMULENTUM L.
Gibberella saubinetii (Mont.) Sacc. (6)
LONCHOCARPUS spp.
Meliola lonchocarpicola F. L. Stevens (2)
Pucciniopsis lonchocarpi Linder (12)
Trabutia amphigena Chardon (2)
L. FENDLERI Benth.
Puccinia nephroidea Syd. (2)
L. PUNCTATUS H.B.K.
Trabutia conica Chardon (2)
LORANTHUS: see PHTHIRUSA
LUEHEA CANDIDA (DC.) Mart.
Phyllosticta sp. (6)
LUPINUS spp.
Cercospora lupinicola Lien. (6, 14)
Chrysocelis lupini Lagh. & Diet. (2)
LYCOSERIS OBLONGIFOLIA Rusby
Uredo lycoseridis Kern & Thurston (9)
LYCOPERSICON ESCULENTUM Mill.
Alternaria solani (Ell. & G. Martin) Sor. (6, 13)
Cladosporium fulvum Cke. (2, 6, 13)
Colletotrichum phomoides (Sacc.) Chester (6)
Erwinia carotovora (L. R. Jones) Holland (13)
Fusarium sp. (6)
Marmor tabaci Holmes var. vulgare Holmes (7)
Meloidogyne sp. (Heterodera marioni (Cornu) Goodey) (13)
Phytophthora infestans (Mont.) D By. (2, 6, 13)
Sclerotium rolfsii Sacc. (4, Vol. 1, No. 6, July 1949)
Septoria lycopersici Speg. (6, 13)
LYGODIUM VENUSTUM Sw.
Puccinia lygodii (Hariot) Arth. (9)
MABEA sp.
Hyalasterina kerni Toro (20)
MACHAERIUM spp.
Phyllachora sp. (6)
P. machaeriicola (P. Henn.) Th. & Syd. (2, 6)
Uredo sp. (6)
M. HUMBOLDTIANUM Vogel
Catacauma venezuelansis (Syd.) Chardon (2)
Phyllachora machaeriicola (P. Henn.) Th. & Syd. (2)
Uredo pusilla Kern, Thurston & Whet. (2)
M. MORITZIANUM Benth. .
Catacauma venezuelansis (Syd.) Chardon (2, 6)
Periconia toroi Linder (12)
Phyllachora machaeriicola (P. Henn.) Th. & Syd. (2)
M. ROBINAEFOLIUM Vogel
Catacauma venezuelansis (Syd.) Chardon (2, 6)
Phyllachora machaeriicola (P. Henn.) Th. & Syd. (2)
MALACHRA ALCEIFOLIA Jacq.
Cercospora malachrae Heald & Wolf (2, 14)
MALPIGHIA GLABRA L.
Colletotrichum sp. (6)
MALUS SYLVESTRIS Mill. (PYRUS MALUS L.)
Cercospora mali Ell. & Ev. (6, 13, 14)
Gloeosporium fructigenum Berk. (13)

MALVA sp.
Ascochyta sp. (6)
M. SYLVESTRIS L.
Puccinia heterospora Berk. & Curt. (2)
MALVASTRUM sp.
Ramularia malvastri Linder (9)
M. CORCHORIFOLIUM (Desv.) Britton
Puccinia malvacearum Bert. (2)
M. COROMANDELIANUM (L.) Garcke
Puccinia malvacearum Bert. (2, 6)
MAMMEA AMERICANA L.
Pestalotia sp. (6)
MANGIFERA INDICA L.
Cercospora mangiferae Koord. (6, 14)
Colletotrichum gloeosporioides: see Glomerella cingulata
Gloeosporium mangiferae: see Glomerella cingulata
Glomerella cingulata (Ston.) Spauld. & Schrenk (6) Also in imperfect stage as Colletotrichum gloeosporioides Penz. (2, 6), and Gloeosporium mangiferae P. Henn. (7)
Meliola mangiferae Earle. (2, 6)
Strigula elegans (Fee) Muell. Arg. (7)
MANIHOT UTILISSIMA Pohl
Cercospora caribaea Cif. (6, 14)
C. henningsii Allesch. (13, 14)
Phyllosticta sp. (6)
Uromyces janiphae (Wint.) Arth. (2, 6, 13)
MEDICAGO SATIVA L.
Alternaria sp. (as Macrosporium sp.) (6)
Cercospora medicaginis Ell. & Ev. (6, 13, 14)
Cuscuta sp. (7)
[Macrosporium medicaginis Cugini] (5, March 1948). A doubtful record, possibly Stemphylium sarcinaeforme (Cav.) Wilts.
Pseudopeziza medicaginis (Lib.) Sacc. (6, 13)
Sclerotium rolfsii Sacc. (5, April, May 1949)
Stemphylium sarcinaeforme: see Macrosporium medicaginis
Uromyces striatus Schroet. (6, 8, 13)
MELANTHERA ASPERA (Jacq.) Steud.
Uromyces columbianus Mayor (2)
MELANTHERA HASTATA (Walt.) Michx.
Uromyces columbianus Mayor (2)
MELASTOMACEAE Indet.
Septoria melastomatum (Lév.) Berl. & Vogl. (2)
MELIA AZEDARACH L.
Cercospora sp. (6)
Phyllosticta ibarrae Toro (2)
Septoria sp. (6)
MELICOCCA BIJUGA L.
Colletotrichum sp. (6)
Meliola sapindacearum Speg. (2, 6)
Strigula elegans (Fee) Muell. Arg. (7)
MELINIS MINUTIFLORA Beauv.
Helminthosporium sp. (6)
Uredo melinidis Kern (8)
MELIOLA sp.
Calonectria erubescens (Rob.) Sacc. (2)
MELOCHIA CARACASANA Jacq.
Cercospora melanotes Syd. (6, 14)
M. TOMENTOSA L.
Cercospora melanotes Syd. (6, 14)
MERREMIA QUINQUEFOLIA (Griseb.) E. Hall.
Meliola clavulata Wint. (6)

METASTELMA sp.
Sphaceloma sp. (6)
M. CAMPANULATUM Dcne.
Phyllachora sp. (6)
MICONIA spp.
Bagnisiopsis sp. (6)
B. peribebuyensis (Speg.) Th. & Syd. (6)
B. spinulosa Chardon (6)
B. tijucensis The. & Syd. (6)
Botryosphaeria multipunctata (Wint.) Syd. (6)
Dothidina sp. (6)
Lembosia sp. (6)
Meliola sp. (6)
Parasterina miconiae (Th.) Toro (2)
P. venezuelana (Syd.) Toro (2)
Phyllachora sp. (6)
Placoasterina antioquensis Toro (2)
Xenostomella meridensis Toro (2)
M. AERUGINOSA Naud.
Cercospora sp. (6)
Parasterina miconiae (Th.) Toro (2)
P. montagnei Toro (2)
M. CILIATA DC.
Asterina uribei Toro (2)
M. DODECANDRA (Desr.) Cogn.
Pittierodothis miconiae Chardon (1, 6)
Pittieromyces miconiae Chardon (6)
M. MACROPHYLLA (D. Don) Triana
Bagnisiopsis peribebuyensis (Speg.) Th. & Syd. (6)
B. toledoi Chardon (2)
M. MINUTIFLORA DC.
Bagnisiopsis sp. (6)
B. tijucensis Th. & Syd. (6)
Dothidina parisi Chardon (2, 6)
M. PRASINA DC.
Bagnisiopsis peribebuyensis (Speg.) Th. & Syd. (1, 6)
M. ROSTRATA (Naud.) Cogn.
Meliola sp. (6)
M. RUBIGINOSA DC.
Catacaumella miconiae (P. Henn.) Th. & Syd. (2)
M. STENOSTACHYA DC.
Lembosia miconiicola Arn. (2)
MIKANIA spp.
Achorella sp. (6)
A. andina Chardon (6)
Chrysocyclus mikaniae (Arth.) Syd. (10)
Endophylloides portoricensis Whet. & Olive (6, 11)
MIKANIA MICRANTHA H.B.K.
Puccinia spegazzini De T. (2)
MIKANIA SCANDENS (L.) Willd. (EUPATORIUM SCANDENS L.)
Cionothrix praelonga (Wint.) Arth. (Cronartium praelongum Wint.) (6)
MIMOSACEAE
Irenopsis trompilliana Toro (2)
Ravenelia igualiaca Arth. (2)
MIMOSA spp.
Cercospora sp. (6)
Meliola sp. (6)
Oidium sp. (6)
Phyllachora sp. (6)
Ravenelia sp. (6)
Uredo sp. (6)

MIMOSA ALBA var. FLORIBUNDA (Willd.) Robinson
Ravenelia mimosae-albidae Diet. (2)
M. ARENOSA Poir.
Cercospora hypsophila Syd. (6, 14)
Ravenelia indissimilis Kern, Thurston & Whet. (2)
M. PUDICA L.
Ravenelia mimosae-sensitivae P. Henn. (2)
MOMORDICA CHARANTIA L.
Cercospora chardoniana Chupp (2, 6, 14)
Mosaic (Virus, probably Marmor astrictum Holmes var. aucuba Holmes) (7)
MONNINA sp.
Cercospora monninae Chupp & Muller (14)
M. MERIDENSIS Pl. & Lind.
Phyllachora aequatoriensis Th. & Syd. (18)
M. PHYTOLACCAEFOLIA H.B.K.
Phyllachora aequatoriensis Th. & Syd. (1, 6)
M. PUBESCENS H.B.K.
Cercospora monninae Chupp & Muller (6)
Meliola sp. (6)
Phyllachora aequatoriensis Th. & Syd. (6)
Phyllachora sp. (6)
MONOCHAETIUM sp.
Cercospora monochaeti Chupp & Muller (6, 14)
M. HIRTUM (Karst.) Triana
Uredo monochaeti Kern & Thurston (10)
M. POLYNEURON Triana
Cercospora amadelpha Syd. (2)
MONSTERA sp.
Uredo monstericola Kern, Thurston & Whet. (2)
M. ACUMINATA C. Koch
Uredo monsterae Syd. (2)
MORUS ALBA L.
Septogloeum mori Berk. & Br. (6, 13)
MUSA spp.
Cercospora musae Zimm. (6, 13)
Cordana musae Zimm. (13)
Fusarium oxysporum Schlecht. var. cubense (E. F. Sm.) Wr. (13)
Gloeosporium musarum Cke. & Mass. (13)
Pseudomonas solanacearum E. F. Sm. (7)
Septonema sp. (7)
Stachylidium theobromae Turc. (13)
MUSA CAVENDISHII Lamb.
Cercospora musae Zimm. (6, 14)
Pestalotia sp. (6)
Stachylidium theobromae Turc. (6)
MUSA PARADISIACA L.
Cercospora musae Zimm. (6, 14)
MUSA PARADISIACA var. SAPIENTUM L.
Cercospora musae Zimm. (6, 14)
Cordana musae Zimm. (6)
Gloeosporium musarum Cke. & Mass. (6)
Pestalotia sp. (6)
Xanthomonas solanacearum (E.F.Sm.) Dowson (7) & Hall
MUSA TEXTILIS Née
Pestalotia sp. (6)
MYOSOTIS sp.
Cercospora sp. (6)
MYRCIA spp.
Catacauma myrciae (Lév.) Th. & Syd. (2)
Phyllachora sp. (6)

MYRCIA CARACASANA Klotzsch
Puccinia psidii Wint. (2)
MYRSINACEAE
Valsonectria orbiculata Syd. (17)
NICOTIANA TABACUM L.
Alternaria sp. (6)
Bacillus sp. (16)
Cercospora nicotianae Ell. & Ev. (6, 7, 13, 14)
Diplodia sp. (6)
Fusarium sp. (16)
Macrophomina phaseoli Maubl. (6, 16)
Marmor tabaci Holmes var. vulgare Holmes (tobacco mosaic virus) (7)
Meloidogyne sp. (Heterodera marioni (Cornu) Goodey) (7, 13)
Phytophthora sp. (6)
P. parasitica Dast. var. nicotianae (Breda de Haan) Tucker (P. nicotianae (Speg.) Breda de Haan) (7)
Pratylenchus pratensis (de Man) Filipjev (16)
Pythium ultimum Drechs. (16)
Rhizoctonia solani Kuehn (13)
Ruga tabaci Holmes ("Kroepoek" virus) (7)
Sclerotinia sclerotiorum (Lib.) D By. (16)
Sclerotium rolfsii Sacc. (6)
OCOTEA spp.
Clinoconidium farinosum (P. Henn.) Pat. (2, 6)
Phyllachora sp. (6)
O. LEUCOXYLON (Sw.) Mez.
Clinoconidium farinosum (P. Henn.) Pat. (18)
OLEACEAE
Phyllachora mayepeae F. L. Stevens & Dalbey (2)
OLIGANTHES HYPOCHLORA Blake (?)
Uredo paraphysata Kern & Thurston (11)
OLYRA CORDIFOLIA H.B.K.
Meliola sp. (6)
O. LATIFOLIA L.
Puccinia deformata Berk. & Curt. (10)
P. phakopsoroides Arth. & Mains (2)
OPERCULINA AEGYPTIA (L.) House
Albugo ipomoeae-panduranae (Farl.) Swing. (2)
OPLISMENUS sp.
Phyllachora puncta (Schw.) C. R. Orton (2)
O. BURMANNI (Retz.) Beauv.
Phyllachora puncta (Schw.) C. R. Orton (2, 6)
O. SETARIUS (Lam.) R. & S.
Puccinia inclita Arth. (2)
OPUNTIA FICUS-INDICA L.
Colletotrichum sp. (6)
ORTHOPAPPUS ANGUSTIFOLIUS (Sw.) Gleason (ELEPHANTOPUS ANGUSTIFOLIUS Sw.)
Coleosporium elephantopodis (Schw.) Thuem. (2)
ORYZA SATIVA L.
Aposphaeria sp. (3, 1st year, No. 10, Oct. 1947)
Cercospora oryzae Miy. (6, 13)
Curvularia sp. (Acrothecium sp.) (6)
Entyloma oryzae Syd. (3, 1st year, No. 11, Nov. 1947; 13)
Fusarium sp. (7)
Helminthosporium oryzae Breda de Haan (3, 1st year, No. 11, Nov. 1947)
Helminthosporium sp. (3, 1st year, No. 11, Nov. 1947)
Hendersonia sp. (3, 1st year, No. 10, Oct. 1947; 6)
Leptosphaeria sp. (6)
Ophiobolus sp. (6)
Piricularia oryzae Cav. (6, 13)
Ustilaginoidea oryzae Bref. (6, 13)

OXALIS spp.
Cercospora oxalidiphila Chupp & Muller (6, 14)
Colletotrichum sp. (6)
Phyllosticta sp. (6)
Puccinia oxalidis (Lév.) Diet. & Ell. (2, 6)
O. LATIFOLIA H.B.K.
Phomopsis oxalina (Ell. & Ev.) Syd. (2)
Puccinia oxalidis (Lév.) Diet. & Ell. (2, 6)
OXYBAPHUS VIOLACEUS (L.) Choisy
Albugo platensis (Speg.) Swing. (2, 6)
OYEDAEA sp.
Phyllachora oyedaeae Chardon (2)
O. VERBESINOIDES DC.
Phomatospora oyedaeae Chardon (1, 6)
Puccinia sp. (6)
P. holwayula Jacks. (P. oyedaeae Mayor, Eriosporangium oyedaeae (Mayor) Syd.) (2, 6, 11, 13, 18)
PACHIRA INSIGNIS Sav.
Cercospora sp. (6)
C. pachirae Chupp& Muller (6, 14)
Phyllosticta sp. (6)
PALICOUREA OBSCURATA (Muell. Arg.) Standl.
Meliola mitragybes Syd. (2)
P. PETIOLARIS H.B.K.
Puccinia fallax Arth. (11)
PANICUM sp.
Phyllachora panici-olivacei Chardon (6)
P. BARBINODE Trin.
Uromyces leptodermus Syd. (2)
P. LAXUM Sw.
Dothichloë sp. (6)
P. MAXIMUM Jacq.
Balansia claviceps Speg. (7)
Cercospora fusimaculans Atk. (6, 14)
Cerebella andropogonis Ces. (6)
Cerebella panici Tracy & Earle (3, 1st year, No. 10, Oct. 1947)
Cladosporium sp. (6)
Claviceps purpurea (Fr.) Tul. (6)
Coniothyrium panici Syd. (2)
Fusarium sp. (6)
Sphacelia sp. (4)
P. OLIVACEUM Hitchc. & Chase
Phyllachora panici-olivacei Chardon (1)
P. PALMIFOLIUM Lam.
Balansia claviceps Speg. (B. trinitensis Cke. & Mass.) (6)
P. PETROSUM Trin.
Ustilago panici-petrosi Syd. (2)
P. PILOSUM Siv.
Claviceps sp. (6)
P. PURPURASCENS Raddi
Puccinia sp. (6)
P. TRICHOIDES Sw.
Puccinia huberi P. Henn. (2, 6)
P. VISCIDELLUM Scribn.
Phyllachora puncta (Schw.) C. R. Orton (6)
PAPAVER sp.
Cercospora sp. (6)
PAPPOPHORUM ALOPECUROIDEUM Vahl
Phyllachora pappophori Chardon (1, 6)
PARITIUM TILIACEUM (L.) St. Hil.
Phyllachora paritii-tiliacei Chardon (1, 6)

PARODIOPSIS STEVENSII Arn.
Ramularia tenuis (Syd.) Toro (2)
PAROSELA BARBATA: See DALEA CARTHAGINENSIS
PARTHENIUM sp.
Cercospora parthenii Chupp (6)
P. HYSTEROPHORUS L.
Cercospora parthenii Chupp (2, 6, 14)
Oidium sp. (6)
Puccinia sp. (6)
P. parthenii (Speg.) Arth. (2)
PASPALUM spp.
Claviceps paspali F. L. Stevens & Hall (Spermoedia stevensii Seaver) (2)
Puccinia sp. (6)
Tilletia rugispora Ell. (2)
Ustilago venezuelana Syd. (2)
P. ACUMINATUM Raddi
Phyllachora leonardi Chardon (2)
P. BOSCIANUM Flügge
Claviceps paspali F. L. Stevens & Hall (6)
P. CANDIDUM (Humb. & Bonpl.) Kunth
Puccinia macra Arth. & Holw. (9)
P. CONJUGATUM L.
Angiopsora compressa Mains (9); reported (2) in error as Puccinia tubulosa (Pat. & Gaill.) Arth.
Myriogenospora bresadoleana P. Henn. (2, 6)
M. paspali Atk. (6)
Phyllachora paspalicola P. Henn. (2, 6)
P. CONVEXUM Humb. & Bonpl.
Helminthosporium sp. (6)
P. DECUMBENS Sw.
Angiopsora compressa Mains (9); reported (8) as in error as Puccinia tubulosa (Pat. & Gaill.) Arth.
Phyllachora paspalicola P. Henn. (6)
Telimena sp. (6)
P. HUMBOLDTIANUM Flügge
Angiopsora compressa Mains (9); reported (2) in error as Puccinia tubulosa (Pat. & Gaill.) Arth.
Phyllachora sp. (6)
Puccinia substriata Ell. & Barth. (8)
Uredo sp. (6)
P. LANGEI (Fourn.) Nash
Puccinia substriata Ell. & Barth. Reported in error as Puccinia levis (Sacc. & Bizz.) Magn. (2) and P. paspali Tracy & Earle (18)
P. MICROSTACHYUM Presl
Puccinia araguata Kern (8); reported (2, 8) as P. paspalicola Kern, Thurston & Whet.
P. MOLLE Poir.
Puccinia sp. (6)
P. substriata Ell. & Barth. (2)
P. PANICULATUM L.
Angiopsora compressa Mains. (9) Reported (2) in error as Puccinia tubulosa (Pat. & Gaill.) Arth.
Phyllachora microspora Chardon (2)
Phyllachora molinae Chardon (2)
Puccinia dolosa Arth. & Fromme (9)
Puccinia sp.
P. PILOSUM Lam.
Phyllachora microspora Chardon (2)
Puccinia levis (Sacc. & Bizz.) Magn. (8) Doubtless in error for Puccinia substriata Ell. & Barth.

PASPALUM PLICATULUM Michx.
Angiopsora compressa Mains (9)
P. UNISPICATUM (Scribn. & Merr.) NASH
Fusarium sp. (6)
Helminthosporium sp. (6)
P. VIRGATUM L.
Phyllachora guianensis F. L. Stevens (2)
PASSIFLORA spp.
Asterina megalospora Berk. & Curt. (6)
Cercospora truncatella Atk. (6)
Colletotrichum sp. (7)
Glomerella sp. (6)
P. EDULIS Sims
Puccinia scleriae (Paz.) Arth. (2)
P. PALLIDA L.
Asterina megalospora Berk. & Curt. (2)
Puccinia scleriae (Paz.) Arth. (2)
P. QUADRANGULARIS L.
Alternaria sp. (6)
P. RUBRA L.
Asterina passiflorae (P. Henn.) Sacc. (2)
PAULLINIA aff. PINNATA L.
Puccinia arechavaletae Speg. (2)
PAVONIA sp.
Cercospora pavoniae Petr. & Cif. (14)
P. PANICULATA Cav.
Cercospora pavoniae Petr. & Cif. (6, 14)
Puccinia heterospora Berk. & Curt. (2)
PEHRIA COMPACTA (Rusby) Sprague (GRISLEA COMPACTA Rusby)
Aecidium adenariae Mayor (8)
Uredo pehriae Kern & Thurston (11)
PEIRANISIA MIRANDINA Britton & Rose.
Ravenelia sp. (6)
P. SAERI Britton & Rose
Ravenelia cubensis Arth. (10)
PELARGONIUM ZONALE Willd.
Botrytis vulgaris Fr. (6, 13)
Cercospora brunkii Ell. & Gall. (6, 13, 14)
PENNISETUM BAMBUSIFORME (Fourn.) Hemsl.
Sphaerodothis columbiensis Chardon (2)
P. PERUVIANUM Trin.
Puccinia atra Diet. & Holw. (8)
PEPEROMIA sp.
Phyllosticta sp. (6)
PEPO MOSCHATA: see CUCURBITA MOSCHATA
PERESKIA GUAMACHO Weber
Cercospora sp. (6)
PERSEA sp.
Phyllachora maculicola Chardon (2)
P. AMERICANA Mill. (P. GRATISSIMA GAERTN.)
Cercospora sp. (13)
C. purpurea Cke. (6, 14)
Colletotrichum sp. (6)
C. gloeosporioides Penz. (6, 13)
Diplodia sp. (7)
Meliola sp. (6)
Oidium sp. (6, 13)
Phyllachora gratissima Rehm (2, 6, 13)
P. CAERULEA (R. & P.) Mez.
Phyllachora maculicola Chardon (6)
PERSICARIA: see POLYGONUM

PETROSELINUM CRISPUM (Mill.) Nym.
Septoria petroselini Desm. (6)
PETUNIA sp.
Cercospora petuniae Chupp & Muller (6, 13, 14)
PFAFFIA IRESINOIDES (H.B.K.) Kuntze
Cercospora gomphrenicola Speg. (2, 6, 13, 14)
Puccinia sp. (6)
PHARUS LATIFOLIUS L.
Phyllachora phari-latifolii Chardon (1)
PHASEOLUS sp.
Mycosphaerella sp. (6)
P. COCCINEUS L. (P. MULTIFLORUS Willd.)
Ascochyta sp. (6)
Phyllachora phaseoli (P. Henn.) Th. & Syd. (6)
P. LUNATUS L.
Alternaria sp. (2, 6)
Ascochyta pisi Lib. (6)
Cercospora canescens Ell. & G. Martin (14)
Isariopsis griseola Sacc. (Cercospora columnaris Ell. & Ev.) (13, 14)
Marmor cucumeris Holmes var. phaseoli Holmes (7) (virus, mosaic)
Phakopsora vignae (Bres.) Arth. (9)
Rhizoctonia microsclerotia Matz (6, 13)
Uromyces sp. (6)
P. MUNGO L.
Ascochyta pisi Lib. (6)
Cercospora canescens Ell. & G. Martin (6, 14)
P. VULGARIS L.
Alternaria sp. (6)
Ascochyta pisi Lib. (6, 13)
Cercospora canescens Ell. & G. Martin (13, 14)
C. cruenta Sacc. (13, 14)
C. phaseolina Speg. (6)
Cladosporium sp. (6)
Colletotrichum lindemuthianum (Sacc. & Magn.) Briosi & Cav. (6, 13)
Erysiphe polygoni DC. (13) Oidium stage only
Isariopsis griseola Sacc. (Cercospora columnaris Ell. & Ev.) (2, 6, 13, 14)
Macrophomina phaseoli (Maub.) Ashby (6, 8)
Mosaic (virus) (7)
Mycosphaerella sp. (6)
Phyllachora phaseoli (P. Henn.) Th. & Syd. (6)
Rhizoctonia microsclerotia Matz (6, 13)
R. solani Kuehn (13)
Sclerotium rolfsii Sacc. (13)
Uromyces phaseoli typica Arth. (2, 6, 13)
Xanthomonas phaseoli (E.F.Sm.) Dowson (4, Vol. 2, No. 1, Sept. 1949)
PHLEUM PRATENSE L.
Helminthosporium sp. (6)
PHOENIX DACTYLIFERA L.
Graphiola phoenicis (Moug.) Poit. (2, 6, 13)
PHORADENDRON CRASSIFOLIUM (Phol) Eichl.
Cercospora sp. (7)
PHTHIRUSA PYRIFOLIA (H.B.K.) Eichl.
Meliola visci F. L. Stevens (2)
PHTHIRUSA THEOBROMAE (Willd.) Eichl.
Asterina loranthicola Syd. (2)
PHYLLACHORA CHAETOCHLOAE F. L. Stevens
Pleospora doidgeae Petr. (2)
PHYLLANTHUS spp.
Aecidium albicans Arth. & Holw. (2)
Ravenelia appendiculata Lagh. & Diet. (2)

PHYLLANTHUS BOTRYANTHUS Muell. Arg.
Aecidium detritum Thuem. (2)
PHYLLANTHUS MICRANDRUS Muell. Arg.
Ravenelia appendiculata Lagh. & Diet. (2)
PHYSALIS sp.
Chlorogenus sp. (virus) (7)
PHYTOLACCA RIVINOIDES Kunth & Bouché (?)
Aecidium calotheum Syd. (2)
PILEA sp.
Irenina triloba (Wint.) F. L. Stevens (2)
PIPER spp.
Amazonia asterinoides (Wint.) Th. (20)
Cercospora piperis Pat. (6, 14)
C. portoricensis Earle (2)
Phyllachora pipericola Chardon (2)
P. ADUNCUM L.
Cercospora piperis Pat. (6, 14)
C. portoricensis Earle (2, 14)
P. PELTATUM L. (POTOMORPHE PELTATA (L.) Miq.)
Cercospora portoricensis Earle (2)
Irenopsis tortuosa (Wint.) F. L. Stevens (2)
PISUM SATIVUM L.
Ascochyta pisi Lib. (6, 13)
PITHECELLOBIUM spp.
Phyllosticta sp. (6)
P. pithecolobii Young (2)
P. DULCE (Willd.) Benth.
Ravenelia sp. (6)
R. pithecolobii Arth. (9)
P. LANCEOLATUM (H.B.K.) Benth.
Cercospora spilosticta Syd. (14)
P. LIGUSTRINUM Klotzsch
Cercospora bauhiniae Syd. (6)
C. spilosticta Syd. (6, 14)
Meliola pithecolobii F. L. Stevens & Tehon (20)
M. venezuelana Orejuela (15)
Phyllosticta sp. (6)
P. pithecolobii Young (2)
PITYROGRAMMA CALOMELANOS (L.) Link
Desmella gymnogrammes (P. Henn.) Syd. (2)
PLANTAGO spp.
Cercospora plantaginis Sacc. (6)
Phyllosticta plantaginella Sacc. (6)
P. BUCHTIENII Pilger
Septoria tovarensis Syd. (2)
P. MAJOR L.
Cercospora plantaginis Sacc. (6, 14)
Phyllosticta plantaginella Sacc. (6)
PLUCHEA ODORATA (L.) Cass.
Cercospora plucheae Petr. & Cif. (6)
PLUMIERIA sp.
Coleosporium domingensis (Berk.) Arth. (2)
P. ALBA L.
Coleosporium domingensis (Berk.) Arth. (6)
P. RUBRA L.
Coleosporium domingensis (Berk.) Arth. (2)
Puccinia sp. (6)
POA ANNUA L.
Puccinia epiphylla (L.) Wettst. (2)
POA aff. BRACHYPHYLLA Schult.
Puccinia epiphylla (L.) Wettst. (2)

POINCIANA sp.
Cercospora poincianae Chupp & Muller (6, 14)
POIRETIA SCANDENS Vent.
Ravenelia sp. (6)
Uromyces sp. (6)
U. poiretiae Syd. (8)
POLYGALA sp.
Cladosporium sp. (6)
P. COLUMBICA Chodat
Cercospora grisea Cke. & Ell. (6, 14)
POLYGONUM spp. (including PERSICARIA)
Cercospora sp. (6)
C. avicularis Wint. (14)
C. polygonorum Cke. (2, 14)
POLYGONUM PUNCTATUM Ell. (PERSICARIA PUNCTATA (Ell.) Small)
Puccinia polygoni-amphibii Pers. (2)
Ustilago utriculosa (Nees) Tul. (2)
POLYLEPIS SERICEA Wedd.
Hypoxylon serpens Fr. (2)
Podoplaconema jahnii Chardon (2)
Uredo polylepidis (Arth.) Sacc. & Trotter (2)
POLYPODIUM BRASILIENSE Poir.
Calidion lidsaeae (P. Henn.) Syd. (2)
P. ELONGATUS H.B.K.
Puccinia graminis Pers. (8)
POLYSCIAS GUILFOYLEI (Bull.) Bailey (host reported as "DIDYMOPANAX GUILFOGLEI", presumably this)
Alternaria sp. (6)
POROPHYLLUM RUDERALE (Jacq.) Cass.
Puccinia porophylli P. Henn. (2)
PORTULACA OLERACEA L.
Albugo portulacae (DC.) Kuntze (2, 6)
POTOMORPHE PELTATA: see PIPER PELTATUM
POUZOLSIA OCCIDENTALIS Wedd.
Aecidium yuquillae Pat. (2)
PRIVA LAPPULACEA (L.) Pers.
Puccinia lantanae Farl. (2)
PRUNUS CAPULI Cav.
Sphaceloma sp. (6)
P. PERSICA: see AMYGDALUS
P. SEROTINA Ehrh.
Elsinoë sp. (6)
PSEUDO-ELEPHANTOPUS SPICATUS (B. Juss.) Gleason
Coleosporium elephantopodis (Schw.) Thuem. (2)
PSIDIOPSIS MORITZIANA Berg.
Puccinia psidii Wint. (2)
PSIDIUM spp.
Caudella psidii Ryan (2)
Meliola psidii Fr. (2)
Phyllachora tropicalis Speg. (1, 6)
P. GUAJAVA L.
Caudella psidii Ryan (2, 6)
Meliola psidii Fr. (6)
Phyllosticta sp. (6)
P. GUINEENSE Sw.
Phyllachora tropicalis Speg. (1, 6)
PSYCHOTRIA sp.
Meliola sp. (6)
P. HORIZONTALIS Sw.
Aecidium psychotriae P. Henn. (2)
PTERIDIUM AQUILINUM (L.) Kuhn.
Uredinopsis macrosperma (Cke.) Magn. (2)

PUCCINIA sp.
Tuberculina costaricana Syd. (2)
P. LANTANAE Farl.
Olpidium uredinis (Lagh.) Fischer (2)
P. PURPUREA Cke.
Darluca sp. (3, 1st year, No. 10, Oct. 1947)
D. filum (Biv.) Cast. (2)
Eudarluca sp. (3, 1st year, No. 10, Oct. 1947)
PUERARIA sp.
Mosaic (virus) (7)
PUNICA GRANATUM L.
Cercospora punicae P. Henn. (6, 13)
Coniothyrium sp. (6)
PYRUS COMMUNIS L.
Cercospora mali Ell. & Ev. (13)
P. MALUS: see MALUS SYLVESTRIS
QUARARIBEA sp.
Scolecopeltis larae Toro (20)
RAJANIA sp.
Phyllachora sp. (6)
RANDIA sp.
Fusicladium sp. (6)
R. ARMATA (Sw.) DC.
Phakopsora randiae Kern & Thurston (11)
R. CARACASANA Standl.
Phakopsora randiae Kern & Thurston (11)
RAPANEA spp.
Echidnodella cedralensis Toro (2)
Meliola sp. (6)
RAPHANUS SATIVUS L.
Albugo candida (Pers.) Kuntze (6, 13)
Alternaria brassicae (Berk.) Sacc. (6, 13 as Macrosporium herculeum Ell. & G. Martin)
Cercospora cruciferarum Ell. & Ev. (14)
RAUWOLFIA HIRSUTA Jacq.
Cercospora liebenbergii Syd. (14)
Cercospora rauwolfiae Chupp & Muller (14)
RHEUM RHAPONTICUM L.
Cercospora rhapontici Tehon & Daniels (6, 14)
RHIZOPHORA MANGLE L.
Anthostomella rhizophorae Vizioli (2) (correction of A. rhizomorphae ?)
RHYNCHOSIA MINIMA (L.) DC. (DOLICHOS MINIMUS (L.) Medic.)
Synchytrium dolichi (Cke.) Gäum. (2)
R. RETICULATA (Sw.) DC. (D. RETICULATUS (Sw.) Mill.)
Synchytrium dolichi (Cke.) Gäum. (2)
RICHINUS sp.
Cercospora ricinella Sacc. (2)
R. COMMUNIS L.
Cercospora sp. (6)
C. ricinella Sacc. (2, 6, 14)
Sclerotinia ricini Godfrey (6)
ROBINIA PSEUDOACACIA L.
Ascochyta sp. (6)
RONDELETIA PUBESCENS H.B.K.
Meliola psychotriae Earle (6)
RONDELETIA sp.
Meliola mitchellae Cke. (2)
ROSA spp.
Actinonema rosae (Lib.) Fr. (2, 6, 13)
Botrytis vulgaris Fr. (13)
Cercospora rosaecola Pass. (2, 6, 13, 14)
Diplodia sp. (6)

(Rosa spp. cont.)
Gloeosporium sp. (6)
Mycosphaerella rosaecola (Pass.) B. H. Davis (13)
M. rosigena (Ell. & Ev.) Lindau (2, 6)
Oidium sp. (6)
Phragmidium sp. (6)
P. disciflorum (Tode) James* (2)
P. subcorticinum (Schrank.) Wint. (6, 13)
Sphaceloma rosarum Jenkins (6, 13)
Sphaerotheca pannosa (Wallr.) Lév. (2), also (13) as Oidium leucoconium Desm. and (6) as O. "coniconium Desm.", prob. error for O. leucoconium as no such name exists.

ROUPALA spp.
Catacauma sp. (6)
C. rhopalinum (Mont.) Th. & Syd. (2, 6)
Phyllachora sp. (6)

R. COMPLICATA H.B.K.
Dothidea sp. (7)

ROUREA sp.
Phyllachora sp. (6)

RUBIACEAE indet.
Meliola mitchellae (Cke.) Grev. (2)

RUBUS spp.
Mainsia cundinamarcensis (Mayor) Jacks. (2)
M. mayorii Jacks. (2)
M. variabilis (Mayor) Jacks. & Hol. (2)
Meliola calostroma (Desm.) Hoehn. (6)
Puccinia sp. (6)

R. IDAEUS L.
Septoria rubi West. (7)

R. GUYANENSIS Focke
Mainsia mayorii Jacks. (2) (Uromyces quitensis (18))

R. ROBUSTUS Presl
Mainsia lagerheimii (Magn.) Jacks. & Holw. (9)

RUDGEA sp.
Puccinia sp. (6)

RUELLIA TUBEROSA L.
Puccinia ruelliae (Berk. & Br.) Lagh. (9)

RUMEX sp.
Cercospora sp. (6)

RYNCHOSPORA spp.
Cintractia leucoderma (Berk.) P. Henn. (2)
C. utriculicola (P. Henn.) Clint. (2)

R. CORYMBOSA (L.) Britton
Cintractia utriculicola (P. Henn.) Clint. (2)

R. GLOBOSA R. & S.
Uromyces rynchosporae Ell. (2)

SABICEA COLUMBIANA Wernham
Uredo sabiceicola Arth. (2)

SACCHARUM OFFICINARUM L.
Cercospora koepkei Kruger (6, 14)
C. longipes Butl. (13)
Coniothyrium melanosporum (Berk.) Sacc. (2)
Fusarium moniliforme Sheldon (2, 13)
Helminthosporium sp. (6)
H. ocellum Faris (2)
H. stenospilum Drechs. (6, 13)
Leptosphaeria sacchari Breda de Haan (2, 6, 13)
Ligniera vascularum (Matz) Cook (2)
Melanconium sacchari Mass. (6, 13)
Mosaic (virus) (13)
Mycosphaerella sacchari (Speg.) Seaver & Chardon (2)

(Saccharum officinarum L. cont.)
Sclerotium rolfsii Sacc. (6)
SALPIANTHUS PURPURASCENS (Cav.) H. & A.
Cercospora boldoae Chupp & Muller (6, 14)
C. salpianthi Chupp & Muller (6, 14)
SALVIA spp.
Meliola sp. (6)
Puccinia albicera Jacks. & Holw. (2)
P. conturbata Jacks. & Holw. (2)
SALVIA aff. COCCINEA Juss.
Puccinia impedita Mains & Holw. (11)
SAMANEA SAMAN (Jacq.) Merrill
Cercospora samaneae Chupp & Muller (6, 14)
Microstroma pithecolobii Lamkey (2)
Mycosphaerella samaneae Chardon (1, 6)
Phoradendron crassifolium Nutt. (7)
SAPINDACEAE, aff. PAULLINIA
Dexteria pulchella F. L. Stevens (19)
SAPINDUS SAPONARIA L.
Oidium sp. (6)
SAPIUM sp.
Uromyces cisneroanus Speg. (11)
SAURAUJA HUMBOLDTIANA Busc.
Phyllachora sauranicola Chardon (1, 6)
Trabutia sauraniae Chardon (1, 6)
SCABIOSA sp.
Cercospora sp. (6)
SCLERIA sp.
Ustilago subnitens Schroet. & P. Henn. (2)
S. BRACTEATA Cav.
Phyllachora scleriae Rehm (2)
S. MACROPHYLLA Presl
Uromyces scleriae P. Henn. (9)
S. SECANS (L.) Urban
Puccinia mirandensis Kern & Thurston (11)
SCLEROCARPUS COFFEAECOLA Klatt
Oidium sp. (6)
SECALE CEREALE L.
Gibberella saubinetii (Mont.) Sacc. (6) [Probably G. zeae (Schw.) Petch]
Helminthosporium sativum Pass. (6)
SECHIUM EDULE Sw.
Cercospora sechii F. L. Stevens (6, 13)
SECURIDACA spp.
Cercospora securidacae Chupp & Muller (6, 14)
Phyllachora sp. (6)
P. securidacae P. Henn. (6)
S. SCANDENS Jacq.
Phyllachora securidacae P. Henn. (2)
SENECIO GREENMANIANUS Hieron.
Chrysocylus senecionis Davidson (2)
SERJANIA spp.
Meliola sapindacearum Speg. (2)
M. trujillensis Toro (2)
Nectria sp. (6)
Phyllachora sp. (6)
P. galavisi Chardon (2, 6)
P. insueta Syd. (2, 6)
P. serjanicola Chardon (2, 6)
Puccinia sp. (6)
Septoria sp. (6)
S. ATROLINEATA C. Wright
Meliola sapindacearum Speg. (2)

(Serjania atrolineata cont.)
Phyllachora alamoi Chardon (2)
P. insueta Syd. (2)
S. CARACASANA Willd.
Phyllachora serjanicola Chardon (2)
S. COMMUNIS Cambess
Meliola serjaniae F. L. Stevens (2)
S. MEXICANA (L.) Willd.
Aecidium serjaniae P. Henn. (6, 8)
S. PANICULATA H.B.K.
Phyllachora serjanicola Chardon (2)
SESAMUM INDICUM L. (S. ORIENTALE L.)
Alternaria sp. (6)
Cercospora sesami Zimm. (2, 6, 13, 14)
(Macrosporium sp.) (6)
Mosaic (virus) (13)
Phytophthora sp. (4, Vol. 1, No. 6, July 1949)
Rhizoctonia solani Kuehn (13)
SETARIA sp.
Claviceps sp. (6)
S. GENICULATA (Lam.) Beauv.
Puccinia chaetochloae Arth. (9)
P. setariae Diet. & Holw. (2)
P. substriata Ell. & Barth. (2)
S. PANICULIFERA (Steud.) Fourn.
Phyllachora sp. (6)
S. SCANDENS Schrad.
Puccinia cameliae (Mayor) Arth. (2)
S. SCABRIFOLIA (Nees) Kunth
Phyllachora chaetochloae F. L. Stevens (2)
SETARIA aff. TENAX (L. Rich.) Desv.
Puccinia cameliae (Mayor) Arth. (2)
S. VERTICILLATA (L.) Beauv.
Puccinia substriata Ell. & Barth. (2)
SICKINGIA ERYTHROXYLON Willd.
Phakopsora venezuelana Syd. (2, 19)
SIDA spp.
Asterina diplocarpa Cke. (2)
Cercospora hyalospora Muller & Chupp (6, 14)
Meliola sp. (6)
Puccinia sp. (6)
P. heterospora Berk. & Curt. (2)
P. malvacearum Bert. (6)
P. sherardiana Koern. (7)
S. ACUTA Burm. f.
Puccinia sherardiana Koern. (2)
S. SPINOSA L.
Puccinia heterospora Berk. & Curt. (2)
S. URENS L.
Asterina diplocarpa Cke. (2)
SIPANEA GLOMERATA H.B.K.
Meliola makilingiana Syd. (15)
SMILAX spp.
Sphenospora yurimaguasensis (P. Henn.) Jacks. (2)
Puccinia sp. (6)
SOLANUM spp.
Asterina vagans Speg. (2)
Bagnisiopsis maculans Chardon (2)
Cercospora brachycarpa Syd. (2, 14)
C. brachyclada Syd. (2, 14)
C. costeriana Petr. & Cif. (6)

(Solanum spp. cont.)

C. jaguarensis Chupp & Muller (on SOLANUM JAGUARA ?) (6, 14)
C. lanugiflori Chupp & Muller (6, 14) (Host listed as S. "lanugiflorum Pittier" apparently unpublished name)
C. modesta Syd. (2, 6, 14)
C. venezuelae Chupp (2, 14)
Meliola sp. (6)
Phyllachora fluminensis Th. 2, 6)
Puccinia claviformis Lagh. (11)
P. pittieriana P. Henn. (2)
P. solani-tristis P. Henn. (11)
Septoria alamoi Toro (2)
Sphaceloma sp. (6)

S. HETEROPHYLLUM Lam.

Asterina henningsii Th. (2)

S. MELONGENA L.

Alternaria sp. (6)
A. solani (Ell. & G. Martin) Sor.
Ascochyta sp. (6)
A. lycopersici Lib. (5)
Botrytis vulgaris Fr. (5)
Colletotrichum atramentarium (Berk. & Br.) Taub. (5)
Gloeosporium melongenae Ell. & Halst. (5)
(Macrosporium sp.) (6)
Phomopsis citri Fawc. (6)
P. vexans (Sacc. & Syd.) Harter (2, 6)
Phytophthora parasitica Dast. (2)
Rhizoctonia solani Kuehn (2)
Sclerotium rolfsii Sacc. (4, Vol. 1, No. 6, July 1949)
Xanthomonas solanacearum (E. F. Sm.) Dowson (7)

S. NIGRUM L.

Cercospora atromarginalis Atk. (2, 6, 14)

S. OBTUSIFOLIUM Humb. & Bonpl.

Cercospora brachycarpa Syd. (14)

S. TUBEROSUM L.

Acrogenus solani Holmes var. vulgaris Holmes, spindle-tiber virus (7, 13)
Actinomyces scabies (Thaxt.) Güssow (7)
Alternaria solani (Ell. & G. Martin) Sor. (2, 6, 13)
Cercospora solanicola Atk. (6, 13, 14)
Colletotrichum sp. (6)
Corium solani Holmes, leaf-roll virus (7, 13)
Corynebacterium sepedonicum (Spieck. & Kotth.) Burk. & Skapt. (7)
Erwinia carotovora (L. R. Jones) Holland (7)
Fusarium sp. (7)
Marmor solani Holmes (virus) (7, 13)
Meloidogyne sp. (Heterodera marioni (Greef) Muell.) (13)
Oidium sp. (6)
Phytophthora infestans (Mont.) D By. (2, 6, 13)
Pringsheimia sp. (6)
Rhizoctonia solani Kuehn. (13)
Sclerotium rolfsii Sacc. (13)
Septoria sp. (6)
Spondylocladium atrovirens Harz. (7)
Spongospora subterranea (Wallr.) Lagh. (13)
Streak (virus) (13)
Vermicularia sp. (6)
Xanthomonas solanacearum (E. F. Sm.) Dowson (5, Feb. 1948)

S. VERBASCIFOLIUM L.

Cercospora costeriana Petr. & Cif. (14)
C. trichophila F. L. Stevens (2, 14)

SOLANUM VERBASCIFOLIUM var. ADULTERINUM (Ham.) G. Don.
Cercospora costeriana Petr. & Cif. (6)
C. solanacea Sacc. & Berl. (6, 14)
SONCHUS sp.
Alternaria sp. (6, as Macrosporium sp.)
SORGHUM HALEPENSE (L.) Pers. (HOLCUS HALEPENSIS L.)
Helminthosporium sp. (6)
Puccinia purpurea Cke. (2, 6)
S. SUDANENSE (Piper) Stapf (H. SORGHUM var. SUDANENSIS (Piper) Hitch.)
Puccinia purpurea Cke. (2)
S. VULGARE (L.) Pers. (H. SORGHUM L.)
Cercospora sorghi Ell. & Ev. (6, 14)
Colletotrichum sp. (6)
C. lineola Cda. (6, 13)
Gibberella sp. (6)
Gloeocercospora sorghi D. Bain & Edg. (6)
Helminthosporium turcicum Pass. (6, 13)
Phoma insidiosa Tassi (6)
Puccinia purpurea Cke. (6, 13)
Raya blanca (virus) (13)
Sphacelotheca holci Jacks. (2)
S. sorghi (Lk.) Clint. (6, 13)
SPANANTHE PANICULATA Jacq.
Alternaria sp. (6)
SPATHODEA CAMPANULATA Beauv.
Oidium sp. (6)
SPERMACOCE TENUIOR L.
Meliola psychotriae Earle (2)
SPHAERODOTHIS COLUMBIENSIS Chardon
Pleospora doidgeae Petr. (2)
SPIGELIA ANTHELMIA L.
Septoria sp. (6)
SPILANTHES AMERICANA (Mutis.) Hieron
Puccinia spilanthicola Mayor (2)
S. URENS Jacq.
Puccinia barranquillae Mayor (2)
SPINACIA OLERACEA L.
Cercospora beticola Sacc. (6)
SPONDIAS MOMBIN L. (S. LUTEA L.)
Cercospora mombin Petr. & Cif. (14)
Irenopsis comocladiae (F. L. Stevens) F. L. Stevens (2)
SPOROBOLUS INDICUS (L.) R. Br.
Helminthosporium sp. (6)
H. ravenelii Curt. (2)
Uromyces ignobilis (Syd.) Arth. (2)
STACHYS MICHELIANA Briq.
Puccinia pallidissima Speg. (2)
STACHYTARPHETA sp.
Cercospora stachytarphetae P. Henn. (6)
S. BRACTEOSA Turcz.
Endophyllum stachytarphetae (P. Henn.) Whet. & Olive (2)
S. CAYENNENSIS (L. C. Rich.) Vahl (VALERIANODES CAYENNENSE (L. C. Rich) Kuntze)
Irenina glabroides (F. L. Stevens) F. L. Stevens (20)
STANHOPEA WARDII Lodd.
Gloeosporium sp. (6)
STIZOLOBIUM spp. (MUCUNA spp.)
Cercospora stizolobii Syd. (6, 14)
Sclerotium rolfsii Sacc. (6)
STRUTHANTHUS spp.
Cercospora struthanthi Chupp & Muller (6, 14)
Polystomella costaricensis F. L. Stevens (15)

STRUTHANTHUS DICHOTRIANTHUS Eichl.
Aecidium goyazense P. Henn. (8)
SWIETENIA MACROPHYLLA King
Cercospora sp. (6)
SYNEDRELLA NODIFLORA (L.) Gaertn.
Puccinia melampodii Diet. & Holw. (2, 6)
TABEBUIA sp.
Chaetospermella tecomis Chardon & Toro (2)
Prospodium araguatum Kern & Thurston (11)
T. CHRYSANTHA (Jacq.) DC.
Prospodium concinnum Syd. (2, 8)
T. PENTAPHYLIA (L.) Hemsl.
Cercospora jahnii Syd. (6)
Oidium sp. (7)
Prospodium venezuelanum Kern (8)
Septoria sp. (6)
T. ROSEA DC.
Cercospora jahnii Syd. (14)
T. SERRATIFOLIA (Vahl) Nicholson
Cercospora stenolobiicola Speg. (2, 14)
Trichocicinnus tecomae Chardon (2)
TABERNAEMONTANA AMYGDALIFOLIA Jacq.
Meliola tabernaemontanae Speg. (6)
Ovularia sp. (7)
TABERNAEMONTANA CORONARIA Willd.
Meliola wardii F. L. Stevens (20)
TAGETES spp.
Meliola sp. (6)
Puccinia tageticola Diet. & Holw. (2)
T. ERECTUS L.
Meliola sp. (6)
Puccinia tageticola Diet. & Holw. (2)
TALISIA OLIVAEFORMIS Radlk.
Meliola sp. (6)
TECOMA SPECTABILIS Planch. & Lind.
Hypospilina ospinae (Chardon) Chardon & Toro (2)
Septoria cucutana Kern & Toro (6)
T. STANS (L.) H.B.K.
Prospodium appendiculatum (Wint.) Arth. (2)
TEPHROSIA sp. (CRACCA sp.)
Ravenelia caulicola Arth. (10)
TERMINALIA CATAPPA L.
Cercospora sp. (6)
TESSARIA INTEGRIFOLIA Ruiz & Pav.
Uromyces megalospermus Speg. (9)
THEOBROMA CACAO L.
Cercospora sp. (6)
Colletotrichum sp. (13)
Crinipellis perniciosa (Stahel) Sing. (Marasmius perniciosus Stahel) (6, 13)
Helminthosporium guianensis F. L. Stevens & Dowell (2)
Irenopsis guianensis (F. L. Stevens & Dowell) F. L. Stevens (Meliola guaianensis F. L. Stevens & Dowell) (2, 6)
Marasmius sp. (6)
(M. perniciosus): see Crinipellis
Monilia roreri Cif. (13)
Nectria sp. (6)
Ophionectria sp. (6)
Phthirusa theobromae Eich. (7)
Phytophthora palmivora Butl. (P. faberi Maub.) (7, 13)
THUJA sp.
Cladosporium sp. (6)

THUJA OCCIDENTALIS L.
Colletotrichum sp. (6)
TITHONIA ROTUNDIFOLIA (Mill.) Blake
Ophiodothella tithoniae Chardon (2)
TORENIA FOURNIERI Linden
Cercospora torenicola Chupp & Muller (6, 14)
TOURNEFORTIA CUSPIDATA H.B.K.
Aecidium tournefortiae P. Henn. (8)
TOVARIA PENDULA R. & P.
Cercospora tovariae Chupp & Muller (6, 14)
TRACHYPOGON PLUMOSUS (Humb. & Bonpl.) Nees
Phyllachora sp. (6)
TRADESCANTIA CUMANENSIS Kunth
Uromyces commelinae (Speg.) Cke. (2)
TRAGOPOGON PORRIFOLIUS L.
Albugo tragopogonis (DC.) S. F. Gray (6, 13)
TREMA MICRANTHA (L.) Blume
Cercospora tremae F. L. Stevens & Solh. (2, 14)
TRICHACHNE INSULARIS (L.) Nees (VALOTA INSULARIS (L.) Chase)
Helminthosporium sp. (6)
Phyllachora insularis Chardon (2, 6)
Puccinia atra Diet. & Holw. (8)
Sphacelotheca cordobensis (Speg.) Jacks. (2)
T. SACCHARIFLORA (Raddi) Nees
Mycosphaerella maydis (Pass.) Lindau (2)
TRICHOLAENA ROSEA Nees
Cerebella andropogonis Ces. (6)
Puccinia sp. (6)
Stigmella graminicola Syd. (12)
TRIFOLIUM spp.
Curvularia trifolii (Kauff.) F. L. Stevens (6)
(Macrosporium sp.) (6)
Uromyces medicaginis Pass. (6)
U. trifolii (DC.) Lév. (6)
T. REPENS L.
Uromyces flectens Lagh. (9)
U. trifolii (DC.) Lév. (2)
TRINIOCHLOA STIPOIDES (H.B.K.) Hitchc.
Phyllachora paramo-nigra Chardon (2)
TRIPLARIS spp.
Oidium sp. (6)
Uredo coccolobae P. Henn. (10)
TRIPSACUM DACTYLOIDES L.
Uromyces tripsaci Kern & Thurston (9)
T. LAXUM Nash
Fusarium moniliforme Sheldon (2)
Puccinia sp. (6)
P. polysora Underw. (8)
TRITICUM AESTIVUM L.
Alternaria sp. (6)
Gibberella saubinetti (Mont.) Sacc. (1, 6) [Probably G. zeae (Schw.) Petch]
Helminthosporium sp. (6)
H. sativum Pass. (6)
Puccinia glumarum (Schmidt) Eriks. & E. Henn. (6, 11, 13)
P. graminis Pers. var. tritici Eriks. & E. Henn. (P. poculiformis (Jacq.) Wettst.) (2, 6, 13)
P. rubigo-vera (DC.) Wint. var. tritici Eriks. & E. Henn. (6, 8)
Septoria nodorum Berk. (6, 13)
Tilletia caries (DC.) Tul. (T. tritici (Bjerk.) Wint.) (2, 6, 13)
T. foetida (Wallr.) Liro (T. levis Kuehn) (6, 13)
Urocystis tritici Koern. (6)

(Triticum aestivum L. cont.)
Ustilago tritici (Pers.) Rostr. (2, 6, 13)
TRIUMFETTA sp.
Cercospora triumfettae Syd. (6, 14)
T. SEMITRILOBA Jacq.
Cercospora triumfettae Syd. (2, 14)
TURNERA MOLLIS H.B.K.
Cercospora turnerae Ell. & Ev. (14)
URENA sp.
Puccinia sp. (6)
URVILLEA sp.
Puccinia arechavaletae Speg.
U. ULMACEA H.B.K.
Puccinia arechavaletae Speg.
VACCINIUM FLORIBUNDUM H.B.K.
Catacauma paramoense Chardon (2)
VALERIANA PARVIFLORA (Trev.) Höck
Uredo meridae Kern, Thurston & Whet. (2)
VALERIANODES CAYENNENSE: see STACHYTARPHETA
VALOTA INSULARIS: see TRICHACHNE
VARRONIA ALBA, V. GLOBOSA: see CORDIA
VERBENA spp.
Alternaria sp. (6)
Cercospora sp. (6)
C. verbeniphila Speg. (6, 14)
V. LITTORALIS H.B.K.
Septoria verbenae Rob. & Desm. (2)
VERBESINA spp.
Meliola sp. (6)
Phyllachora verbesinae (Pat.) Petr. (2, 6)
Puccinia cognata Syd. (2)
P. ferox Diet. & Holw. (2)
VERNONIA spp.
Cercospora sp. (6)
Hypocrella caulinum (Berk. & Curt.) Pat. (6)
Septoria sp. (6)
V. BRASILIANA (L.) Druce (V. SCABRA Pers.)
Puccinia sp. (6)
P. rotundata Diet. (2, 6)
V. CANESCENS H.B.K.
Pseudoparodiella vernoniae F. L. Stevens (15)
Puccinia arthuriana Jacks. (Argomyces vernoniae Arth.) (2, 18)
V. MORITZIANA Sch. Bip.
Puccinia fraterna Jacks. (2)
Uredo sp. (6)
VICIA FABA L.
Cercospora viciae Ell. & Holw. (6, 14)
C. zonata Wint. (6, 14)
Uromyces fabae Pers. (8)
VIGNA spp.
Cercospora sp. (6)
C. cruenta Sacc. (6)
Macrophomina phaseoli (Maub.) Ashby (6)
V. LUTEOLA (Jacq.) Benth.
Uromyces vignae Barclay (11)
V. SINENSIS (Torner) Savi
Ascochyta sp. (6)
A. pisi Lib. (6, 13)
Cercospora sp. (6)
C. canescens Ell. & G. Martin (6)
C. cruenta Sacc. (6, 13, 14)

(Vigna sinensis cont.)
Cercospora vignicola Kawamura
Cladosporium vignae Gardner (?) (5, April-May, 1949)
Mosaic (virus) (13)
Mycosphaerella sp. (6)
Sclerotium rolfsii Sacc. (4, Vol. 1, No. 6, July 1949)
V. UNGUICULATA (L.) Walp.
Cercospora canescens Ell. & G. Martin (14)
VIOLA sp.
Cercospora violae Sacc. (2, 14)
V. ODORATA L.
Cercospora violae Sacc. (2, 6, 14)
VISMIA spp.
Cercospora bixae Allesch. & Noack (2)
C. vismiae Syd. (6, 14)
Phyllachora sp. (6)
P. vismiae F. L. Stevens (6)
V. DEALBATA H.B.K.
Phyllachora vismiae F. L. Stevens (2)
V. FERRUGINEA H. B. K.
Phyllachora sp. (6)
VITEX sp.
Phyllachora sp. (6)
VITIS spp.
Cercospora viticola (Ces.) Sacc. (13)
Elsinoe ampelina Shear (Gloeosporium ampelophagum (Pass.) Sacc., Sphaceloma ampelinum D By.) (7, 13)
Guignardia bidwellii (Ell. & Ev.) Viala & Ravaz (13)
Physopella vitis (Thuem.) Arth. (Phakopsora vitis (Thuem.) Syd.) (13)
Plasmopara viticola (Berk. & Curt.) Berl. & De T. (2, 6)
Uncinula necator (Schw.) Burr. (Oidium tuckeri Berk.) (7, 13)
V. CARIBAEA DC.
Physopella vitis (Thuem.) Arth. (Phakopsora vitis (Thuem.) Syd.) (2)
V. LABRUSCA L.
Cercospora viticola (Ces.) Sacc. (6, 14)
V. VINIFERA L.
Elsinoë ampelina Shear (Gloeosporium ampelophagum (Pass.) Sacc.) (6)
Guignardia bidwellii (Ell. & Ev.) Viala & Ravaz (6)
Physopella vitis (Thuem.) Arth. (Phakopsora vitis (Thuem.) Syd. (2, 6)
Plasmopara viticola (Berk. & Curt.) Berl. & De T. (2, 6)
Uncinula necator (Schw.) Burr. (Oidium tuckeri Berk.) (6)
WALTHERIA AMERICANA L.
Puccinia waltheriae Kern & Thurston (10)
WEDELIA sp.
Meliola sp. (6)
W. JACQUINI L.C. Rich var. CARACASANA (DC.) O.E. Schulz
Endophyllum decoloratum (Schw.) Whet. & Olive (2)
Puccinia caracasana Syd. (2)
? P. holwayula Jacks. (2)
WISSADULA spp.
Puccinia heterospora Berk. & Curt. (2)
Puccinia sp. (2)
WULFFIA sp.
Cercospora sp. (6)
W. BACCATA (L. f.) Kuntze
Uromyces wulffiae-stenoglossae Diet. (2)
XANTHIUM CHINENSE Mill.
Oidium sp. (6)

XANTHOSOMA SAGITTIFOLIUM (L.) Schott
Scleroconium venezuelanum Syd. (19)
XANTHOSOMA spp.
Cercospora verruculosa F. L. Stevens & Solh. (14)
Cercospora chevalieri Sacc. (2)
Punctillina solteroi Toro (2)
Stilbum flavidum Cke. (6)
XANTHOXALIS sp.: see OXALIS sp.
XANOSTOMELLA MERIDENSIS Toro
Chaetostigmella parasitica Toro (2)
XYLOPIA sp.
Dasyspora gregaria (Kuntze) P. Henn. (10)
ZANTHOXYLUM spp.
Aecidium xanthoxylinum Speg. (6)
Phyllachora applanata Wint. (2)
P. winteri Sacc. & Syd. (2, 6)
Z. MICROCARPUM Griseb.
Phyllachora winteri Sacc. & Syd. (2)
ZEA MAYS L.
Angiopsora zeae Mains (10)
Camarosporium sp. (6)
Cercospora zeae-maydis Tehon & Daniels (6, 14)
Diplodia frumenti Ell. & Ev. (6)
Helminthosporium turcicum Pass. (6)
Marmor cucumeris Holmes (virus) (7, 13)
Nigrospora oryzae (Berk. & Br.) Petch (3, 1st year, No. 12, Dec. 1947; 6; 7)
Phoma sp. (6)
Physoderma zeae-maydis Shaw (6)
Puccinia sorghi Schw. (2, 6)
Rhopographus zeae Pat. (6)
Ustilago maydis (DC.) Cda. (U. zeae (Beckm.) Unger) (2, 6)
ZINNIA spp.
Cercospora zinniae Ell. & G. Martin (6, 14)
Oidium sp. (6)
Z. ELEGANS Jacq.
Cercospora zinniae Ell. & G. Martin (6)
Erysiphe cichoracearum DC. (6)
ZORNIA DIPHYLLA (L.) Pers.
Puccinia offuscata Arth. (11)
HOST UNKNOWN
Asterina ampullifera Toro (20)
Irene plegerae Doidge (20)
Parapeltella portoricensis (Speg.) Orejuela (15)
Saccardinula usteriana Speg. (15)

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